

表示名	判断树番号	含量 (%)	测定法	含量備考	融点区分 ^{*)}	融点又は凝固点(°C)	屈折率	屈折温度	比重	比重温度	比價	旋光度又は比旋光度(μE/g)	重金属(μE/g)	確認試験 ^{*)}			使用量 單位
														IR	MS	NMR	
cyclohexyl isovalerate	1	98					1.439-1.445	20	0.925-0.931	20	1			3	3,4,5	1,3,6	649
cyclohexyl propionate	1	98					1.439-1.445	20	0.953-0.962	20	1			3.5	3,4,5	1,3(C, H)	1115
2-cyclohexylethyl acetate	1	97					1.445-1.451	20	0.948-0.954	20	1			3.6	3,4,5	1,3,6	1434
cyclopentanone	2	98					1.434-1.440	20	0.948-0.958	20	-			1,3,5,6	1,4,5	1,3,6	1152
2-cyclopentylcyclopentanone	2	97					1.475-1.481	20	0.975-0.983	20	-			3	3,4,5	3	1312
cyclotene	12,20	95			MP	104-108					-		20	2,3	3,4,5	3	31
cyclotene butyrate	3	98					1.476-1.482	20	1.063-1.069	20	1				4,5		1298
cyclotene isobutyrate	3	97					1.472-1.479	20	1.053-1.061	20	2				4		641
p-cymen-8-ol	2	90					1.512-1.522	20	0.971-0.981	20	-				4,5	1	806
p-cymene	2	95					1.482-1.492	20	0.852-0.862	20	-			1,2,3,5	3,4,5	3	224
beta-damasconone	4	98					1.508-1.514	20	0.944-0.952	20	-			1	4,5		346
damasconone	4	98					1.508-1.514	20	0.944-0.952	20	-			1	4		307
alpha-damascone	4	90		sum of isomers			1.491-1.501	20	0.932-0.942	20	-			1,3,5,6	3,4,5	3,6	457
beta-damascone	4	90		sum of isomers			1.493-1.503	20	0.933-0.943	20	-			1,3	3,4,5	3	423
delta-damascone	4	95					1.485-1.495	20	0.927-0.937	20	-			1	4		974
2,4-decadien-5-olide	3	96					1.500-1.510	20	1.000-1.020	20	5			1	4,5	6	878
2,4-decadienal	3	90					1.510-1.523	20	0.866-0.876	20	10			1,2	4,5		513
trans,trans-2,4-decadienal	3	89					1.510-1.520	20	0.866-0.876	25	10			1,2	4,5		1033
delta-decalactone	1	95					1.453-1.463	20	0.967-0.977	20	5			1,2,3	3,4,5	3,6	7
epsilon-decalactone	1	98					1.458-1.465	20	0.976-0.982	20	3			1	4,5		548
gamma-decalactone	1	95					1.443-1.453	20	0.950-0.960	20	3			1,2,3,6	3,4,5	3,6	38
decanal diethyl acetal	1	95					1.439-1.449	20	0.834-0.844	20	1			1,2,3,6	3,4,5	3,6	484
decanal dimethyl acetal	1	95					1.420-1.430	20	0.845-0.855	20	1			1	4,5		356
decanal propylene glycol acetal	1	95		sum of isomers			1.433-1.439	20	0.881-0.887	20	1			1	1	1	303
decanoic acid	10,18	98	化学法		CP	29-35					-			1,3,6	3,4,5	3,6	32
3-decanol	2	98					1.433-1.440	20	0.826-0.832	20	-			1,3	3,4,5	3	771
2-decanone	2	95					1.421-1.431	20	0.821-0.831	20	1				4,5		437
7-decen-4-olide	3	98					1.464-1.470	20	0.980-0.986	20	1			3	3		2259
2-decen-5-olide	3	93					1.465-1.480	20	0.981-0.991	20	10				4,5		215
7-decen-5-olide	3	94					1.471-1.481	20	0.995-1.007	20	5			4	4		475
cis-7-decen-5-olide	3	92					1.470-1.480	20	0.995-1.007	20	5			1	4		1179
8-decen-5-olide	3	95					1.470-1.480	20	0.975-1.007	20	5			3	3	3	1065
2-decenal	3	92					1.450-1.462	20	0.839-0.851	20	10			1,2(tra ns)	4,5	6(tran s)	1063
trans-2-decenal	3	92					1.450-1.462	20	0.839-0.851	20	10			1,2	4,5	6	750
cis-4-decenal	3	95					1.442-1.447	20	0.843-0.850	20	5			1,5	4,5		2067
trans-4-decenal	3	92	化学法	sum of isomers			1.437-1.450	20	0.840-0.850	20	5			3	3		989
9-decenal	3	98					1.437-1.443	20	0.843-0.849	25	5			1	1	1	2172
2-decenic acid	4	95	化学法				1.455-1.465	20	0.920-0.930	20	-			3	3,4,5	1	754
4-decenic acid	4	97	化学法				1.445-1.452	20	0.912-0.920	20	-			1	1,4,5	1	142
9-decenic acid	4	94	化学法				1.442-1.452	20	0.912-0.922	20	-			1,3	3,4,5	3	374
trans-2-decenic acid	4	95	化学法				1.455-1.465	20	0.920-0.930	20	-			1,3	1,3,4,5	1	1111
trans-4-decenic acid	4	98	化学法				1.445-1.452	20	0.913-0.920	20	-			1	1,4	1	160
trans-2-decenol	4	95					1.446-1.452	20	0.838-0.848	20	-				1,4,5		2299
cis-4-decenol	4	95					1.449-1.455	20	0.844-0.850	25	-			5	1,4,5		2264
decyl acetate	1	95					1.423-1.433	20	0.861-0.871	20	1			1	4,5		480
decyl butyrate	1	97					1.427-1.433	20	0.859-0.865	20	1			1	4,5	6	986
decyl isobutyrate	1	97					1.426-1.433	20	0.853-0.861	20	1			3	3,4	3	1628
decyl propionate	1	96					1.424-1.434	20	0.858-0.868	20	1			1	4,5		884
dehydroonotkatone	4	95					1.559-1.569	20	1.004-1.024	20	-			4	4	1	448
1,2-dij(1'-ethoxy)ethoxypropane	2	98					1.408-1.414	20	0.914-0.924	20	-						3127
diacetyl	2	95					1.390-1.400	20	0.980-0.990	20	-						49
diallyl adipate	3	98					1.449-1.156	20	1.019-1.026	20	1			1,2,3,6	3,4,5	3,6	1872

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													IR	MS	NMR	
diallyl disulfide	4	95		sum of diallyl disulfide(80%), diallyl sulfide(10%), diallyl trisulfide(5%)		1.537-1.550	20	0.998-1.015	20	-			1.3,5	3,4,5	3	305
diallyl sulfide	4	97				1.487-1.493	20	0.895-0.895	20	-			1.3,6	3,4,5	3,6	768
dibenzyl disulfide	10,18	98		MP	69-73							10	1.3,5	3,4,5	3,6	1388
dibutyl sebacate	1	98				1.439-1.445	20	0.935-0.941	20	1			1.3	3,4,5	3	596
dibutyl succinate	1	98				1.428-1.434	20	0.975-0.981	20	1			3	3,4,5	3	1046
dibutyl sulfide	2	95				1.448-1.458	20	0.835-0.845	20	-			1.3,5	3,4,5	1,3,6	1399
3,5-diethyl-1,2,4-trithiolane	2	95		sum of isomers		1.558-1.570	20	1.147-1.160	20	-			4,5	1	2466	
diethyl adipate	1	98				1.425-1.431	20	1.005-1.011	20	1			3,6	3,4,5	3,6	174
diethyl carbonate	1	98				1.380-1.390	20	0.970-0.980	20	1			3,6	3,4,5	3,6	636
diethyl diethylmalonate	1	98				1.418-1.428	20	0.983-0.993	20	1			3,5,6	3,4,5	3,6	945
diethyl malate	1	98				1.433-1.439	20	1.126-1.132	20	3			1,4			122
diethyl maleate	3	98				1.437-1.443	20	1.066-1.072	20	1			2,3,5	3,4,5		674
diethyl malonate	1	98				1.411-1.417	20	1.054-1.060	20	1			1,2,3,6	3,4,5	3,6	24
diethyl oxalate	1	96				1.405-1.415	20	1.075-1.085	20	1			3,5,6	3,4,5	3,6	630
diethyl sebacate	1	98				1.434-1.440	20	0.962-0.968	20	1			1,2,3,5,6	3,4,5	3	103
diethyl succinate	1	98				1.417-1.423	20	1.040-1.046	20	1			1,2,3,6	3,4,5	3,6	130
diethyl sulfide	2	96				1.440-1.450	20	0.832-0.842	25	-			1,3,5,6	3,4,5	3,6	2647
diethyl tartarate	1	97				1.443-1.449	20	1.203-1.210	20	3			3,5,6	3,4,5	3,6	252
difurfuryl disulfide	2	95				1.582-1.600	20	1.230-1.250	20	-			3,6	3,4,5	1,3,6	128
difurfuryl sulfide	10,18	95		MP	30-33							10	4,5	1,6	844	
7,8-dihydro-beta-ionone	4	95	化学法			1.472-1.492	20	0.922-0.942	20	-			1	4,5		895
5,7-dihydro-2-methylthienol[3,4-d]pyrimidine	2	98		MP	61-65							10	1,3,6	3,4,5	3,6	559
4,5-dihydro-3(2H)-thiophenone	2	97				1.523-1.532	20	1.190-1.217	20	-			1	4,5	1	3076
5,6-dihydro-2,4,6-trimethyl-1,3,5-dithiazine	10,18	95		MP	42-48							10	1	4,5	1	634
dihydroactinidiolide	3	95				1.495-1.501	20	1.052-1.062	20	10			4,5	1		
2,3-dihydrobenzofuran	2	95				1.538-1.548	20	1.053-1.063	25	-			3,5,6	3,4,5	3(C),6	2150
dihydrocarveol	4	94		sum of isomers		1.474-1.484	20	0.920-0.936	20	-			1,3	3,4,5	6(mixture)	461
dihydrocarvone	4	95				1.467-1.477	20	0.922-0.932	20	-			1,2,3	3,4,5	3	190
d-dihydrocarvyl acetate	5	95				1.456-1.466	20	0.944-0.957	20	1	+50 to +70 (比旋光度)		1,3,6(-),4,5	6(-)	3215	
dihydrocarvyl acetate	3	95				1.456-1.466	20	0.944-0.954	20	1			1,3,6	3,4,5	6	464
dihydrocarvyl butyrate	3	99-102	化学法			1.456-1.462	20	0.928-0.934	20	1			3	3		1241
dihydrocarvyl formate	3	95	化学法			1.458-1.468	20	0.957-0.967	20	1			3	3		1242
dihydrocarvyl isovalerate	3	98-102	化学法			1.455-1.461	20	0.918-0.924	20	1			3	3		1350
dihydrocoumarin	1	97				1.550-1.560	20	1.188-1.198	20	1			1,2,3,6	3,4,5	3(C,H),6	1082
dihydrojasnone	4	98				1.476-1.482	20	0.913-0.919	20	-			3	4,5	1,3,6	1150
dihydroterpineol	2	95		sum of isomers		1.460-1.475	20	0.905-0.915	20	-			4,5	4,5		3099
2,5-dihydroxy-2,5-dimethyl-1,4-dithiane	10,18	95		MP	79-85							10	3	3	1,3	555
1,3-dihydroxyacetone	10,18	97		monomer and dimer	75-80							10	5	4,5		1698
2,6-dihydroxyacetophenone	10,18	91		MP	152-158							10	1,5	4,5		2378
diisooamyl disulfide	2	96				1.481-1.491	20	0.912-0.922	20	-			3,5	3,4,5	3	2274
diisooamyl ether	2	98				1.404-1.410	20	0.774-0.780	20	-			3,6	3,4,5	3,6	825
diisobutyl adipate	1	98				1.428-1.434	20	0.950-0.956	20	1			3,6	3,4,5	3	735
diisopropyl adipate	1	98				1.423-1.427	20	0.963-0.968	20	1			3	3,4,5	3	298
diisopropyl disulfide	2	98				1.486-1.496	20	0.939-0.949	20	-			1,3,6	3,4,5	6	3072
diisopropyl sulfide	2	98				1.435-1.442	20	0.810-0.818	20	-			3,6	3,4,5	3,6	1205
2,6-dimethoxy-4-methylphenol	2	95				1.542-1.546	25	1.154-1.160	25	-			1	3	3,6	887
3,4-dimethoxyacetophenone	10,18	98		MP	49-54							10	3,6	3,4,5,6	3	3101

表示名	判断树番号	含量 (%)	测定法	含量備考	融点区分 ^{*)}	融点又は凝固点(°C)	屈折率	屈折温度	比重	比重温度	比價	旋光度又は比旋光度	重金属(μg/g)	確認試験 ^{*)}			使用量單位
														IR	MS	NMR	
3,4-dimethoxybenzaldehyde	9,17	95			MP	40-48						5	10	1,3,6	3,4,5	3(C,H), 6	325
1,2-dimethoxybenzene	2	97					1.528-1.538	20	1.082-1.092	20		-		1,3,6	3,4,5	1,3,6	1238
1,3-dimethoxybenzene	2	97					1.521-1.527	20	1.060-1.074	20		-		3	3,4,5	1,3	672
1,4-dimethoxybenzene	10,18	97			MP	53-57						-	10	3	3,4,5	1,3	966
2,3-dimethoxybenzyl alcohol	10,18	98			MP	47-51						-	10	3,5,6	3,4,5	3,6	3138
2,6-dimethoxyphenol	10,18	95			MP	52-56						-	10	1,2,3,6	3,4,5	3,6	430
2,4-dimethyl-3-cyclohexenylcarbaldehyde	3	98		sum of 2,4- and 3,5-			1.469-1.475	20	0.933-0.939	20		5		3	3,4	3	755
3,4-dimethyl-1,2-cyclopentanediol	10,18	95			MP	65-71						-	10	1			311
3,5-dimethyl-1,2-cyclopentanediol	10,18	95			MP	87-93						-	10	3	1,3	3	401
2,5-dimethyl-3(2h)-furanon-4-yl acetate	1	95					1.472-1.482	20	1.162-1.172	20		特別除外				1	230
2,5-dimethyl-3(2H)-furanone	2	90					1.470-1.490	20	1.040-1.070	20		3		3	3	3	377
2,6-dimethyl-2-heptanol	2	98					1.423-1.429	20	0.814-0.820	20		-		4,5			2156
2,6-dimethyl-4-heptanol	2	98					1.420-1.426	20	0.805-0.815	20		-		1,3	4,5	6	1178
2,6-dimethyl-4-heptanone	2	98					1.410-1.416	20	0.809-0.815	20		-		1,3,5,6	3,4,5	3,6	1490
2,6-dimethyl-5-heptenal	3	80		SC:6-methyl-5-hepten-2-one 10-15%			1.438-1.450	20	0.849-0.861	20		10		1,2,6	4,5	6	395
2,6-dimethyl-5-heptenal propylene glycol acetal	3	97		sum of isomers			1.447-1.453	20	0.910-0.916	20		1			1		932
2,6-dimethyl-4-heptyl acetate	1	98	化学法				1.411-1.417	20	0.850-0.857	20		1		4,5			1710
2,5-dimethyl-4-hydroxy-3(2H)-furanone	12,20	98			MP	73-83						-	20	1,2,6	1,4,5	1,6	34
4,5-dimethyl-2-isobutyl-3-thiazoline	2	97		sum of isomers			1.483-1.489	20	0.945-0.955	20		-		1	1	1	2249
2,2-dimethyl-5-(1-methyl-1-propenyl)tetrahydrofuran	4	95					1.442-1.452	20	0.862-0.872	20		-		4,5	1		1034
3,7-dimethyl-1,6-nonadien-3-ol	4	97		sum of isomers			1.458-1.468	20	0.861-0.867	20		-		4,5			706
2,4-dimethyl-4-nonanol	2	90					1.433-1.437	25	0.826-0.834	25		-		1,3	3	3	312
3,7-dimethyl-3-octanol	2	98					1.430-1.436	20	0.827-0.833	20		-		1,3,5,6	3,4,5	3,6	1328
3,7-dimethyl-1,5,7-octatrien-3-ol	4	94					1.486-1.497	20	0.878-0.892	20		-		1	1,4,5	1	1197
d-3,7-dimethyl-1,5,7-octatrien-3-ol	8	92					1.487-1.497	20	0.882-0.892	20		-		1(体)	1(体)	4	1(体) 2134
l-3,7-dimethyl-1,5,7-octatrien-3-ol	8	95					1.487-1.497	20	0.882-0.892	20		-		1	1,4,5	1	2186
2,6-dimethyl-7-octen-2-ol	4	99					1.437-1.443	20	0.820-0.840	20		-		3,6	3,4,5	6	2103
3,7-dimethyl-6-octen-3-ol	4	97					1.449-1.459	20	0.850-0.860	20		-		4			568
2,6-dimethyl-7-octen-2-yl acetate	3	97					1.427-1.435	20	0.870-0.880	20		-		5	5		441
2,4-dimethyl-3-pentanone	2	95					1.395-1.405	20	0.800-0.810	20		-		3,5	3,4,5	3	2050
2,4-dimethyl-4-phenyltetrahydrofuran	2	93					1.510-1.520	20	0.988-0.998	20		-		3	3		2142
dimethyl disulfide	2	97					1.519-1.531	20	1.058-1.068	20		-		1,3,5	4,5	6	449
dimethyl malonate	1	98					1.411-1.417	20	1.153-1.159	20		-		3,6	3,4,5	3,6	560
dimethyl succinate	1	98					1.418-1.422	20	1.119-1.125	20		-		1,3,5,6	3,4,5	3,6	262
dimethyl sulfide	2	98					1.430-1.440	20	0.844-0.854	20		-		1,2,3,6	3,4,5	3,6	5
dimethyl trisulfide	2	97					1.590-1.610	20	1.175-1.225	20		-		1,6	4,5		494
2,4-dimethylbenzaldehyde	1	97					1.547-1.553	20	0.959-0.965	20		-		3,5,6	3,4,5	1,3,6	2368
2,6-dimethylbenzenethiol	2	97					1.568-1.578	20	1.037-1.047	20		-		1,5	1,4,5	1,6	2217
2,3-dimethylbenzofuran	2	98					1.552-1.558	20	1.038-1.044	20		-		4	1		3068
dimethylcyclohexenylcarbaldehyde	3	96		sum of 2,4- and 3,5-			1.468-1.478	20	0.932-0.942	20		10		4			3016
2,5-dimethylfuran-3-thiol	2	90					1.500-1.520	20	1.052-1.068	20		-		1	4		2373
2,5-dimethylfuran	2	98					1.438-1.448	20	0.895-0.904	20		-		1,3,5,6	1,3,4,5	1,3,6	637
3,7-dimethyloctanol	2	97					1.431-1.441	20	0.826-0.836	20		-		1,2,3,5,6	3,4,5	3,6	378
3,7-dimethyloctyl acetate	1	95					1.421-1.431	20	0.861-0.871	20		-		3	3,4,5	3	1403
2,5-dimethylphenol	10,18	98			MP	74-78						-	10	1	4,5	6	1038
2,6-dimethylphenol	10,18	98			MP	43-48						-	10	1,3,5	3,4,5	3	1357

表示名	判断番号	含量 (%)	测定法	含量備考	融点 区分 ^{*)}	融点又は 凝固点(°C)	屈折率	屈折 温度	比重	比重 温度	酸価	旋光度又は 比旋光度	重金属 (μg/g)	確認試験 ^{*)}			使用量 單位	
														IR	MS	NMR		
3,4-dimethylphenol	10,18	97			MP	62-69							10	1.3,6	3,4,5	3,6	554	
2,4-dimethylthiazole	2	95					1.502-1.514	20	1.054-1.065	20	-				4,5		1210	
4,5-dimethylthiazole	2	97					1.515-1.525	20	1.065-1.075	20	-				3,6	3,4,5	1,3,6	2109
dinonyl sulfide	2	97					1.460-1.466	20	0.842-0.848	20	-				3	3,4,5	3	3009
diethyl adipate	1	98					1.444-1.450	20	0.924-0.930	20	1				3,6	3,4,5	3,6	1047
diosphenol	10,18	98			MP	78-85					-		10		4,5		1516	
1,4-dioxacycloheptadecane-5,17-dione	1	93					1.466-1.476	20	1.041-1.051	20	-				1,2,5	4,5	543	
diphenyl disulfide	10,18	98			MP	58-62					-		10	1	4,5		1351	
diphenyl ether	10,18	98			MP	26-30					-		10	2,3,6	3,4,5	1,3,6	492	
dipropyl adipate	1	98					1.429-1.433	20	0.979-0.983	20	1			3,5	3,4,5	3,6	364	
dipropyl disulfide	2	97					1.493-1.501	20	0.956-0.962	20	-			1,3,6	3,4,5	3,6	592	
dipropyl sulfide	2	98					1.446-1.454	20	0.835-0.845	20	-			3,5,6	3,4,5	3,6	2181	
2,4-dodecadienal	3	91		EE:min90, EZ:0.1-9.0			1.505-1.515	20	0.862-0.872	20	10			4,5			2153	
dodecahydro-3a,6,8,9a-tetramethylnaphtho[2,1-b]furan	10,18	99			MP	74-78					-		10				3223	
delta-dodecalactone	1	97					1.457-1.463	20	0.948-0.954	20	8			1,2,3	3,4,5	3,6	4	
epsilon-dodecalactone	1	98					1.459-1.466	20	0.952-0.958	20	3			1	4,5		905	
gamma-dodecalactone	1	96					1.447-1.457	20	0.932-0.942	20	3			1	4,5	6	77	
dodecanal	1	90					1.430-1.440	20	0.826-0.836	20	10			1,2,5,6	4,5		266	
dodecanal dimethyl acetal	1	98					1.428-1.434	20	0.847-0.853	20	1			1,4,5			823	
dodecanethiol	2	95					1.454-1.464	20	0.842-0.852	20	-			3,6	3,4,5	3,6	1230	
dodecanol	10,18	97			CP	23-27					-		10	1,2,3,5,	3,4,5	3,6	270	
2-dodecanone	10,18	98			MP	18-24					-		10	6	4,5		666	
cis-6-dodecen-4-olide	3	95					1.463-1.471	20	0.955-0.965	20	5				4,5	1	1070	
2-dodecenal	3	95	化学法				1.452-1.462	20	0.843-0.853	20	10			1,2	4,5		1009	
trans-2-dodecenal	3	95		sum of isomers			1.452-1.462	20	0.843-0.853	20	10			1,2	4,5		916	
11-dodecenoic acid	4	95					1.447-1.457	20	0.905-0.915	20	-			3	1,3	3	355	
dodecyl acetate	1	97					1.430-1.436	20	0.862-0.868	20	1			1,3,5,6	3,4,5	3,6	292	
dodecyl butyrate	1	98					1.433-1.438	20	0.857-0.862	20	1			5	1,4,5	1	525	
dodecyl isobutyrate	1	97					1.430-1.438	20	0.852-0.859	20	1			1	4		1366	
dodecyl lactate	1	95	化学法				1.437-1.447	20	0.910-0.925	20	5			3	3		1635	
dodecyl propionate	1	98					1.432-1.436	20	0.860-0.866	20	1			1,3	1,3	1,3	287	
beta-elementene	4	95					1.488-1.498	20	0.870-0.890	20	-				4,5		1323	
estragole	4	97					1.518-1.524	20	0.963-0.971	20	-			1,2,3,5,	1,3,4,5	3,6	321	
1,2-ethanedithiol	2	98					1.556-1.562	20	1.124-1.134	20	-			1,3	3,4,5	1,3(C	1177	
ethanethioic acid	2	95					1.458-1.468	20	1.064-1.074	20	-			1,6	1,3,4,5	1,3,6	947	
ethanethiol	2	98					1.428-1.435	20	0.837-0.843	20	-			1,3,5,6	3,4,5	1,3,6	1438	
2-ethenyl-5-isopropenyl-2-methyltetrahydrofuran	4	97		sum of isomers			1.449-1.455	20	0.873-0.879	20	-			4	1		3148	
4-ethenyl-2-methoxyphenol	4	96					1.570-1.587	20	1.100-1.115	20	-			1,5,6	4,5		524	
5-ethenyl-4-methylthiazole	4	97					1.560-1.570	20	1.091-1.100	20	-			3,6	3,4,5	1,3,6	1003	
2-ethoxy-3-isopropylpyrazine	2	98					1.500-1.510	20	1.010-1.040	20	-			3	3		2396	
2-ethoxy-3(5)(6)-methylpyrazine	2	99					1.491-1.497	20	1.033-1.037	25	-			1,5	5	6	1108	
2-ethoxy-3(5)-methylpyrazine	2	98					1.493-1.499	20	1.032-1.038	20	-			1	4,5	6	2394	
2-ethoxy-3-methylpyrazine	2	98					1.491-1.497	20	1.030-1.040	20	-			1	4,5	6	1280	
2-ethoxy-5-(1-propenyl)phenol	12,20	97			MP	84-88					-		10	1,2,6	4,5	6	271	
4-ethoxybenzaldehyde	1	98					1.556-1.562	20	1.080-1.086	20	3			1,3,5	3,4,5	3,6	1374	
4-(ethoxymethyl)phenol	10,18	98			MP	56-60					-		10	4,5		1364		
4-ethoxyphenol	10,18	97			MP	64-68					-		10	1,3,5,6	3,4,5	3,6	2110	
2-ethyl-4,5-dimethylloxazole	2	96	化学法				1.441-1.451	20	0.943-0.953	20	-			4,5	1		3149	
2-ethyl-2-hexenal	3	90					1.446-1.456	20	0.846-0.856	20	10			3,5	3,4,5	3	1358	

表示名	判断樹番号	含量 (%)	測定法	含量備考	融点区分 ¹⁾	融点又は凝固点(°C)	屈折率	屈折温度	比重	比重温度	比重又は旋光度	重金属(μg/g)	確認試験 ²⁾			使用量 單位	
													IR	MS	NMR		
3-ethyl-2-hydroxy-2-cyclopenten-1-one	12,20	97			MP	37-43	1.507-1.517	20	1.134-1.146	20		10	1.6	4.5	6	371	
5-ethyl-4-hydroxy-2-methyl-3(2H)-furanone	4	95					1.485-1.495	20	1.137-1.147	20				4	1	99	
5-ethyl-3-hydroxy-4-methyl-2(5H)-furanone	2	90					1.524-1.534	20	1.058-1.070	20			1.2,6	4.5	6	702	
4-ethyl-2-methoxyphenol	2	97					1.524-1.534	20	1.062-1.068	20			1.2,6	4.5	6	455	
5-ethyl-2-methoxyphenol	2	98					1.500-1.506	20	1.042-1.054	20			1.5,6	1.4,5	6	1467	
2-ethyl-3-methoxypyrazine	2	96					1.498-1.510	20	1.020-1.032	20			1.3,5,6	3.4,5	3.6	1506	
2-ethyl-4-methylthiazole	2	98					1.578-1.584	20	1.141-1.147	20			1.3,6	1.3,4,5	1.3,6	1281	
2-ethyl-3-methylthiopyrazine	2	98												4.5		1326	
3-ethyl-2-oxo-4-butanolide	9,17	95		MP	57-63						10	10		3		3053	
ethyl 10-undecenoate	3	97					1.435-1.442	20	0.876-0.882	20			1.6	4.5	6	695	
ethyl 2-acetylhexanoate	1	90					1.425-1.435	20	0.949-0.959	20	1		3	3.4,5	3	1693	
ethyl 2-acetyloctanoate	1	93					1.430-1.440	20	0.930-0.940	20	3			4.5		467	
ethyl 2-ethylbutyrate	1	98					1.402-1.407	20	0.866-0.871	20	1		3	3.4,5	3	730	
ethyl 2-ethylhexanoate	1	98					1.411-1.417	20	0.860-0.866	20	1			4.5		1036	
ethyl 2-furoate	9,17	98		CP	32-38						1	10	3.5,6	3.4,5	3.6	912	
ethyl 2-hexenoate	3	96					1.430-1.440	20	0.895-0.905	20	1			4.5(tra ns)		1042	
ethyl 2-hydroxyethyl sulfide	2	98					1.483-1.489	20	1.017-1.023	20			3	3.4,5		2045	
ethyl 2-mercaptopropionate	1	95					1.444-1.454	20	1.036-1.046	20	1		1.3,6	3.4,5	3.6	1352	
ethyl 2-methoxybenzoate	1	97					1.517-1.524	20	1.109-1.115	20	1			4.5		1340	
ethyl 2-methyl-3-4-pentadienoate	3	98					1.446-1.452	20	0.922-0.928	20	1		1			2666	
ethyl 2-methyl-3(4)-pentenoate	3	95		sum of isomers			1.415-1.425	20	0.883-0.893	20	1		3	3	3	502	
ethyl 2-methyl-3-pentenoate	3	98					1.417-1.427	20	0.885-0.895	25	1					739	
ethyl 2-methyl-4-pentenoate	3	93					1.412-1.422	20	0.883-0.893	20	1		1.5,6		6	1439	
ethyl 2-methylbenzoate	1	98	化学法				1.495-1.501	20	1.031-1.037	20	1		3.5,6	3.4,5	3.6	2667	
ethyl 2-methylbutyrate	1	95					1.392-1.402	20	0.864-0.874	20	2		1	4.5	6	16	
ethyl 2-(methyldithio)propionate	1	98					1.497-1.503	20	1.117-1.123	20	1		1.2,3	3.4,5	3	86	
ethyl 2-methylpentanoate	1	98					1.401-1.407	20	0.863-0.869	20	1		1	1.4,5	1	1208	
ethyl 2-octenoate	3	97					1.439-1.445	25	0.888-0.894	20							
ethyl 2-pentylacetacetate	1	96					1.424-1.434	25	0.933-0.943	25	特別除外		3.5	3.4,5	3	1379	
ethyl 2,4-decadienoate	3	98					1.476-1.491	20	0.898-0.906	20	1			5		1099	
ethyl 3-acetoxy-2-methylbutyrate	1	95					1.417-1.420	20	1.003-1.013	20	1		1	1	1	3225	
ethyl 3-acetoxybutyrate	1	97					1.410-1.420	20	1.025-1.035	20	1		3	3.4,5	3	1180	
ethyl 3-acetoxyhexanoate	1	95					1.418-1.428	20	0.992-1.006	20	1			4		880	
ethyl 3-(furfurylthio)propionate	1	98					1.500-1.509	20	1.125-1.133	20	1		1	4.5	1	594	
ethyl 3-hexenoate	3	96		sum of isomers			1.415-1.431	20	0.880-0.910	20	1		1	4.5		682	
ethyl 3-hydroxybutyrate	1	98					1.418-1.424	20	1.011-1.017	20	1		3	1.3,4,5	3.6	189	
ethyl 3-hydroxyhexanoate	1	95					1.423-1.433	20	0.971-0.981	20	1		1	4.5		240	
ethyl 3-hydroxyoctanoate	1	98					1.430-1.438	20	0.947-0.955	20	1		1	4.5		1198	
ethyl 3-methyl-2-butenyl ether	1	98					1.457-1.463	20	1.035-1.041	20	1		1	1	1	2673	
ethyl 3-(methylthio)propionate	4	95					1.424-1.436	20	0.983-1.000	20	1		1.2	4.5		344	
ethyl 3-oxohexanoate	1	98	化学法				1.492-1.498	20	1.013-1.019	20	1		1.3,6	1.3,4,5	1.3,6	914	
ethyl 3-phenylpropionate	1	98					1.432-1.442	20	0.875-0.885	20	1		1.3	3.4,5	3.6	1334	
ethyl 4-decenoate	3	95					1.402-1.412	20	0.865-0.875	20	1		3	3.4,5	3	2076	
ethyl 4-methylpentanoate	1	98					1.499-1.505	20	1.075-1.083	20	1			4.5		552	
ethyl 4-methylphenoxyacetate	1	98					1.410-1.420	20	0.893-0.903	25	1			1.4,5	1	1638	
ethyl 4-pentenoate	3	95		MP	32-36		1.427-1.433	20	0.976-0.982	20	1	10		4.5		955	
ethyl 5-acetoxyoctanoate	1	98					1.417-1.427	20	0.894-0.904	20	5		1	1.4	1	2119	
ethyl 5-hexenoate	3	96					1.435-1.448	20	0.960-0.970	20	5			4		1183	
ethyl 5-hydroxyoctanoate	1	97-102	化学法				1.433-1.439	20	0.943-0.953	20	1		3	3		2182	
ethyl 5-oxodecanoate	1	98					1.429-1.435	20	1.083-1.091	20	1			4.5		577	
ethyl acetoacetate ethyleneglycol acetal	1	98					1.422-1.432	20	1.042-1.052	20	2		1			182	
ethyl acetoacetate propyleneglycol acetal	1	95		sum of isomers			1.402-1.412	20	0.918-0.928	20	5		1	1.2,3,5	3.4,5	3.6	1380
ethyl acrylate	3	95					1.555-1.561	20	1.098-1.104	20	1			4.5		920	
ethyl alpha-acetylcinnamate	3	98															

表示名	判断例番号	含量 (%)	测定法	含量備考	融点 区分*	融点又は 凝固点(°C)	屈折率	屈折 温度	比重	比重 温度	酸価	旋光度又は 比旋光度	重金属 ($\mu\text{g}/\text{g}$)	確認試験*			使用量 単位
														IR	MS	NMR	
ethyl alpha-ethyl-beta-methyl-beta-phenylglycidate	9,17	95		CP	37-42						2		10		4.5		386
ethyl anisate	1	97					1.522-1.528	20	1.101-1.108	20	1			1.2,3	3.4,5	3.6	1367
ethyl anthranilate	1	96					1.560-1.570	20	1.116-1.126	20	1			1.2,3,6	3.4,5	3.6	235
ethyl benzoate	1	98					1.502-1.508	20	1.045-1.051	20	1			1.2,3,6	3.4,5	3.6	129
ethyl benzoylacetate	1	92					1.524-1.534	20	1.107-1.120	20	1			1.3,6	3.4,5	3	614
ethyl beta-methyl-beta-(4-methylphenyl)glycidate	1	98-103	化学法				1.500-1.511	20	1.066-1.083	20	2					1	435
ethyl beta-methyl-beta-phenylglycidate	1	95					1.502-1.513	20	1.087-1.098	20	2			1.2,5,6	4.5		52
ethyl beta-naphthyl ether	10,18	98		MP	33-38						-		10	2.3,5	3.4,5	1.3	382
ethyl beta-phenylglycidate	1	97					1.515-1.521	20	1.122-1.129	20	1			1.2,5,6	4.5	6	58
ethyl butyrylacetate	1	98					1.413-1.419	20	1.001-1.007	20	1			3	3	3	526
ethyl crotonate	3	98					1.422-1.428	20	0.917-0.923	20	2			2.3	1.3,4,5	3.6	187
ethyl ethanethioate	1	95					1.440-1.461	20	0.970-0.985	25	1			3.6	3.4,5	1.6	1136
ethyl formate	1	95					1.355-1.365	20	0.917-0.927	20	特例 除外			1.2,3,6	3.4,5	3.6	29
ethyl isobutyrate	1	98					1.385-1.391	20	0.867-0.873	20	1			1.2,3,6	3.4,5	3.6	23
ethyl isothiocyanate	2	99					1.510-1.516	20	0.999-1.005	20	-			3.5	1.4,5	6	2279
ethyl lactate	1	97					1.410-1.416	20	1.032-1.038	20	1			1.2,3	3.4,5	3	21
ethyl laurate	1	98					1.430-1.436	20	0.861-0.867	20	1			1.2,3,5	3.4,5	3	98
ethyl levulinat	1	98					1.419-1.425	20	1.012-1.018	20	1			1.2,3,6	3.4,5	3.6	25
ethyl levulinat propylene glycol acetal	1	98					1.427-1.434	20	1.027-1.035	20	1				4.5		236
ethyl linyl ether	4	96					1.441-1.451	20	0.827-0.839	20	-				4.5		1224
ethyl linoleate	3	98-104	化学法				1.451-1.461	20	0.872-0.882	20	1			3.6	3.4,5	6	260
ethyl maltol	12,20	98		MP	89-93						-		10	3.6	3.4,5	1.3,6	2
ethyl maltol butyrate	1	98					1.494-1.500	20	1.125-1.131	20	1			3	3	3	499
ethyl maltol isobutyrate	3	98					1.493-1.499	20	1.118-1.124	20	2			3	3	3	562
ethyl mercaptoacetate	1	97					1.455-1.461	20	1.096-1.103	20	1			3.5,6	3.4,5	3.6	2688
ethyl methoxyacetate	1	95					1.395-1.405	20	0.998-1.008	20	1			3.6	3.4,5	6	3106
ethyl methyl sulfide	2	96					1.435-1.445	20	0.840-0.850	20	-			3.5	3.4,5	3	212
ethyl (methylthio)acetate	1	95					1.454-1.465	20	1.051-1.071	20	1			1.3	3.4,5	3	690
ethyl myristate	1	98					1.434-1.440	20	0.860-0.866	20	1			1.2,3,5,	3.4,5	3.6	62
ethyl nonanoate	1	95					1.418-1.428	20	0.863-0.873	20	1			1.2,3,6	3.4,5	3.6	168
ethyl oleate	3	98-104	化学法				1.447-1.455	20	0.867-0.875	20	1			1.3,5,6	3.4,5	3.6	85
ethyl palmitate	9,17	97		MP	23-28						1		10	1.3,5,6	3.4,5	3	74
ethyl pivalate	1	98					1.388-1.394	20	0.853-0.859	20	1			3.6	3.4,5	3.6	620
ethyl pyruvate	1	95					1.401-1.411	20	1.043-1.065	20	1			1.3,5,6	3.4,5	3.6	443
ethyl salicylate	1	98					1.519-1.525	20	1.129-1.135	20	1			1.2,3,6	3.4,5	3.6	41
ethyl sorbate	3	97					1.486-1.498	20	0.934-0.946	20	1			1.6	1.4,5	6	1243
ethyl stearate	9,17	97		MP	30-39						1		10	3.6	3.4,5	3	232
ethyl tiglate	3	98					1.432-1.438	20	0.923-0.929	20	1			1.3,6	3.4,5	1.3,6	698
ethyl trans-2-decenoate	3	95					1.440-1.450	20	0.880-0.890	20	1			1	1.4,5	1	222
ethyl trans-4-decenoate	3	96					1.432-1.442	20	0.871-0.881	25	1			1.3	3.4,5	3	833
ethyl trans-2-hexenoate	3	98					1.430-1.438	20	0.898-0.905	20	1			1.5	4.5	1	351
ethyl trans-3-hexenoate	3	96					1.421-1.431	20	0.893-0.903	20	1			1	4.5	1	793
ethyl trans-2-octenoate	3	98					1.439-1.445	20	0.888-0.894	20	1			1	1.3,4,5	1	2094
ethyl trans-3-octenoate	3	95					1.427-1.437	20	0.881-0.891	20	1			4			1519
ethyl trans,cis-2,4-decadienoate	3	90		sum of isomers			1.476-1.491	20	0.890-0.911	20	2				4.5	1	715
ethyl undecanoate	3	98					1.427-1.433	20	0.861-0.867	20	1			1.3,6	3.4,5	3.6	743
ethyl valerate	1	98					1.397-1.403	20	0.873-0.879	20	1			3	3.4,5	3.6	124
ethyl vanillate	1	98					1.544-1.550	20	1.197-1.203	20	特例 除外			3.5	3.4,5	3	1454
ethyl vanillyl ether	2	98					1.527-1.533	20	1.110-1.117	20	-			4.5		1	652
4-ethylbenzaldehyde	1	97					1.536-1.542	20	0.976-0.982	25	10			1.3,6	3.4,5	3.6	2250
2-ethylbutanal	1	95					1.398-1.408	20	0.811-0.821	20	5			1.3,5,6	3.4,5	3.6	273

表示名	判断樹番号	含量 (%)	測定法	含量備考	融点区分 ⁴⁾	融点又は凝固点(°C)	屈折率	屈折温度	比重	比重温度	融価	旋光度又は比旋光度	重金属(μg/g)	確認試験 ²⁾			使用量 單位
														IR	MS	NMR	
2-ethylbutanol	2	95					1.417-1.427	20	0.829-0.839	20	-			3.6	3.4,5	3.6	774
2-ethylbutyl acetate	1	98					1.408-1.414	20	0.879-0.885	20	1			1.3,5	3.4,5	3	1327
2-ethylbutyric acid	2	98					1.410-1.420	20	0.922-0.928	20	-			1.2,3,5,6	3.4,5	3.6	104
2-ethylfuran	2	98					1.436-1.446	20	0.902-0.913	20	-			3.5,6	3.4,5	1.3,6	840
2-ethylhexanal	1	95					1.411-1.421	20	0.816-0.826	20	10			3.5,6	3.4,5	6	1580
2-ethylhexanoic acid	2	97					1.422-1.428	20	0.904-0.912	20	-			3.6	3.4,5	3.6	418
2-ethylhexanol	2	98					1.428-1.435	20	0.832-0.839	20	-			1.3,6	3.4,5	3(C,H), 6	339
2-ethylhexyl 3-mercaptopropionate	1	98					1.458-1.464	20	0.964-0.970	20	1			3	3.4,5	3	761
2-ethylhexyl acetate	1	98					1.417-1.423	20	0.871-0.877	20	1			3	3.4,5	3	1271
2-ethylhexyl benzoate	1	95					1.487-1.497	20	0.963-0.973	20	1			3	3.4	3	1716
2-ethylphenol	2	98					1.534-1.540	20	1.018-1.024	20	-			3.5,6	3.4,5	3.6	1389
4-ethylphenol	10,18	97			MP	40-46					-		10	1.3,6	3.4,5	3.6	1002
ethylvanillin isobutyrate	9,17	98			MP	54-60					1		10	1			1643
ethylvanillin propyleneglycol acetal	1	90					1.526-1.536	20	1.163-1.173	20	特例 除外			1	4		213
eugenyl acetate	3	98					1.514-1.522	20	1.080-1.086	20	1			1.2,3	3.4,5	3	350
eugenyl methyl ether	4	98					1.529-1.535	20	1.030-1.040	20	-			1.3,6	1.3,4,5	3.6	48
farnesol	4	96					1.487-1.492	20	0.883-0.893	20	-			1.2,3,5	4,5	3.6	507
alpha-fenchone	2	97					1.457-1.463	20	0.943-0.951	20	-			5	4,5		1514
d-fenchone	6	98					1.460-1.467	20	0.940-0.948	20	-			1.2,3,5	3,4,5	3	370
fenchone	4	98					1.457-1.467	20	0.940-0.951	20	-			5	4,5		1362
l-fenchone	6	98					1.460-1.466	20	0.942-0.948	20	-			3.5,6	3,4,5	6	2734
alpha-fenchyl acetate	1	97					1.452-1.458	20	0.968-0.974	20	1			4,5	4,5	1	2586
fenchyl acetate	1	96					1.451-1.461	20	0.966-0.976	20	1			5	4,5	1	1497
alpha-fenchyl alcohol	10,18	95			MP	35-45					-		10	1.2,3	3.4,5	3	530
fenchyl alcohol	10,18	95			MP	35-45					-		10	1.2,3	3.4,5	3	393
formaldehyde diethyl acetal	1	95					1.369-1.379	20	0.826-0.836	20	1			3.5,6	3.4,5	3.6	2896
formaldehyde dimethyl mercaptal	1	99					1.530-1.540	20	1.050-1.070	20	1			1.3	3.4,5	3	2061
2-furanmethanethiol	2	95					1.526-1.536	20	1.120-1.135	20	-			1.2,3,6	3.4,5	3.6	44
furfural	1	95					1.520-1.530	20	1.155-1.165	20	3			1.6	4,5	6	1225
furfural diethyl acetal	1	97					1.443-1.449	20	1.001-1.007	20	1			1.2,3,5	3.4,5	3.6	61
furfural propyleneglycol acetal	1	98					1.472-1.478	20	1.130-1.136	20	1			3	3	3	387
furfuryl acetate	1	97					1.459-1.465	20	1.117-1.123	20	1			1.3,5,6	3.4,5	3.6	268
furfuryl alcohol	2	97					1.480-1.490	20	1.129-1.139	20	-			1.2,3,6	3.4,5	3.6	44
furfuryl butyrate	1	98					1.456-1.462	20	1.051-1.057	20	1			6	4,5	6	627
furfuryl ethanethioate	1	95					1.519-1.530	20	1.152-1.165	20	1			6	4,5	6	621
furfuryl hexanoate	1	95					1.443-1.449	20	1.001-1.007	20	1			1.6	4,5	6	925
furfuryl isovalerate	1	95					1.455-1.465	20	1.011-1.021	20	1			1.6	4,5	6	925
furfuryl methyl disulfide	2	95					1.451-1.461	20	1.018-1.028	20	1			5	4,5	1	807
furfuryl methyl ether	2	95					1.564-1.574	20	1.178-1.188	20	-			5	4,5	1	963
furfuryl methyl sulfide	2	95					1.449-1.459	20	1.018-1.028	20	-			5	4,5	1	807
furfuryl propionate	1	98					1.517-1.527	20	1.080-1.090	20	-			3	3.4,5	1.3,6	1031
furfuryl valerate	1	98					1.458-1.464	20	1.083-1.089	20	1			1.6	4,5	6	1000
2-(furfurylthio)-3(5(6)-methylpyrazine	2	98	化学法				1.457-1.463	20	1.029-1.035	20	1			1	4,5		764
1-(2-furfurylthio)-2-propanone	2	95		sum of isomers			1.590-1.605	20	1.210-1.225	20	-			1	4,5		1529
2-furoic acid	2	98			MP	130-134	1.524-1.534	20	1.145-1.158	20	-			3	3	3	870
2-furyl-2-propanone	2	95					1.465-1.475	20	1.053-1.063	20	-		10	3.5	3.4,5	3.6	2221
4-(2-furyl)-3-buten-2-one	12,20	98			MP	36-40					-			4	1	1064	
3-(2-furyl)-2-propenal	3	98			MP	49-55					-		10	3.5	4.5	1	1155
geraniol	3	96	化学法				1.483-1.493	20	0.880-0.894	20	5		10	3	3.4,5	1.6	2237
geranic acid	4	90		sum of isomers			1.479-1.489	20	0.952-0.962	20	-			1.2,6	4.5	3.6	2867
geranyl 2-ethylbutyrate	3	90		sum of isomers			1.451-1.461	20	0.883-0.893	20	1			5	1.4,5		989
geranyl acetone	4	95		sum of isomers			1.462-1.472	20	0.865-0.876	20	-			1	4.5	1.6	3114
																	476

表示名	判断箇 番号	含量 (%)	測定法	含量備考	融点 区分*	融点又は 凝固点(°C)	屈折率	屈折 温度	比重	比價	旋光度又は 比旋光度	確認試験 ²			使用量 單位
												IR	MS	NMR	
geranyl butyrate	3	97	化学法				1.453-1.463	20	0.894-0.904	20	1	1.2,3,5	4,5	3	296
geranyl hexanoate	3	97	化学法				1.458-1.464	20	0.891-0.897	20	1	1,5	4		1074
geranyl isobutyrate	3	97	化学法				1.451-1.461	20	0.890-0.900	20	1	1,5	4,5		804
geranyl isovalerate	3	97	化学法				1.455-1.462	20	0.887-0.895	20	1	1,2,3	4	3,6	906
geranyl phenylacetate	3	97	化学法				1.507-1.513	20	0.978-0.984	20	1	1,2	4,5		601
geranyl propionate	3	96	化学法				1.456-1.466	20	0.901-0.911	20	1	1,2,3	4,5	3	248
geranyl tiglate	3	96	化学法	equivalence factor for assay = 118.18			1.477-1.483	20	0.920-0.927	20	1	1	1,4,5		745
2-geranyl-cyclopentanone	4	95		sum of isomers			1.470-1.490	25	0.900-0.920	20	-	1	1	1	3050
geranylinalool	4	92					1.482-1.492	20	0.873-0.883	25	-	3	3,4	3	1520
guaiaicol	10,18	95			MP	26-32	1.539-1.549	20	1.127-1.137	20	-	1,3,6	3,4,5	6	329
guaiaicyl phenylacetate	9,17	98		sum of isomers	MP	38-43	1.520-1.540	20	0.880-0.900	20	5	1	4,5	6	1521
2,4-heptadienal	3	92		sum of isomers			1.520-1.540	20	0.880-0.900	20	5	1,2,6	4,5	6	863
trans,trans-2,4-heptadienal	3	92		sum of isomers			1.452-1.458	20	1.023-1.029	20	5	1,2,3,6	3,4,5	6	980
delta-heptalactone	1	98					1.437-1.447	20	0.995-1.005	20	3	4,5			1554
gamma-heptalactone	1	96					1.410-1.420	20	0.816-0.826	20	10	1,2	4,5		135
heptanal	1	90					1.410-1.420	20	0.831-0.841	20	1	1,2,3,6	3,4,5	3,6	565
heptanal diethyl acetal	1	95					1.405-1.415	20	0.845-0.855	20	1	1	4,5		710
heptanal dimethyl acetal	1	95					1.425-1.430	20	0.889-0.895	20	1	1	4,5		417
heptanal propyleneglycol acetal	1	98		sum of isomers			1.410-1.420	20	0.917-0.927	20	-	1,3	3,4,5	3	1028
2,3-heptanedione	2	96					1.420-1.426	20	0.917-0.923	20	-	1,3,5,6	3,4,5	3,6	88
heptanoic acid	2	98					1.416-1.426	20	0.813-0.825	20	-	1,3,6	3,4,5	3,6	700
2-heptanol	2	97					1.421-1.427	20	0.820-0.826	20	1	1,2,5,6	4,5	6	409
heptanol	2	95					1.404-1.414	20	0.812-0.822	20	-	1,2,3	3,4,5	3,6	166
2-heptanone	2	95					1.404-1.411	20	0.813-0.825	20	-	1,2,3,6	3,4,5	3,6	1283
3-heptanone	2	97					1.402-1.412	20	0.810-0.820	20	-	1,3,5,6	3,4,5	3,6	929
4-heptanone	2	97					1.444-1.454	20	0.841-0.851	20	10	1,3	3,4,5	3,6	772
trans-2-heptenal	3	95					1.440-1.450	20	0.841-0.861	20	-	4,5			2623
cis-3-heptenal	4	95					1.430-1.450	20	0.870-0.890	20	-	1,3	1,3,4,5	1,3	2266
cis-4-heptenal	4	92			MP	29-35	1.445-1.455	20	0.928-0.943	20	10	1,3	1,3,4,5	1,3	3024
2-heptyl-4-pentanolid	9,17	94					1.411-1.417	20	0.868-0.874	20	1	1,3	3,4,5	3	237
heptyl acetate	1	98					1.419-1.424	20	0.861-0.867	20	1	1,6	1,4,5	6	716
heptyl butyrate	1	98					1.410-1.416	20	0.876-0.883	20	1	1,3,5	4,5	6	915
heptyl formate	1	97					1.428-1.434	20	0.859-0.865	20	1	1,4,5			1487
heptyl heptanoate	1	98					1.424-1.430	20	0.860-0.866	20	1	4,5			1341
heptyl hexanoate	1	98					1.414-1.424	20	0.856-0.867	20	1	1	4,5		894
heptyl isobutyrate	1	95					1.419-1.425	20	0.855-0.861	20	1	3	3		967
heptyl isovalerate	1	98					1.430-1.436	20	0.858-0.864	20	1	1	4,5		957
heptyl octanoate	1	98					1.416-1.422	20	0.865-0.871	20	1	3	3,4,5	3	1557
heptyl propionate	1	90					1.456-1.466	25	0.918-0.928	25	7	4			659
delta-hexadecalactone	1	98			MP	47-53					-	1	4,5		857
hexadecanol	10,18	95			MP	35-43					3	3			497
hexadecyl lactate	9,17	93					1.535-1.547	20	0.889-0.902	20	5	3,6	1,3,4,5	3,6	1251
2,4-hexadienal	3	95		sum of isomers			1.535-1.545	20	0.892-0.902	20	5	3,6	1,3,4,5	3,6	746
trans,trans-2,4-hexadienal	3	95		sum of isomers			1.490-1.510	20	0.880-0.900	25	-	1,5	4,5	1	1325
2,4-hexadienol	2	98					1.468-1.478	20	0.926-0.936	20	1	4	4	1	2211
2,4-hexadienyl acetate	3	98					1.450-1.470	25	0.900-0.920	20	1	4	4	1	2212
2,4-hexadienyl butyrate	3	98					1.462-1.472	25	0.898-0.908	20	1	4	4	1	2154
2,4-hexadienyl isobutyrate	3	98					1.449-1.455	20	1.043-1.053	20	10	1,3,5	4,5	3	512
delta-hexalactone	1	98		sum of isomers			1.435-1.441	20	1.024-1.030	20	3	1,2	4,5	6	127
gamma-hexalactone	1	98					1.535-1.547	20	1.057-1.077	20	-	1,6	4,5	1,6	1279
hexamethyl-1,3,5-trithiane	2	90					1.400-1.410	20	0.808-0.823	20	10	1,3,6	3,4,5	3	22
hexanal	1	95					1.419-1.429	20	0.833-0.843	20	1	3	3	3	656
hexanal dibutyl acetal	1	95					1.404-1.414	20	0.829-0.839	20	1	4,5			59
hexanal diethyl acetal	1	95													

表示名	判断番号	含量 (%)	测定法	含量備考	融点 区分 ^{*)}	融点又は 凝固点(°C)	屈折率	屈折 温度	比重	比重 温度	酸価	旋光度又は 比旋光度	重金属 (μg/g)	確認試験 ^{*)}			使用量 單位
														IR	MS	NMR	
hexanal dihexyl acetal	1	95					1.428-1.438	20	0.836-0.846	20	1			1	4.5	432	
hexanal dimethyl acetal	1	98					1.402-1.408	20	0.847-0.853	20	1					777	
hexanal hexyl isoamyl acetal	1	97		sum of hexanal hexyl isoamyl acetal(ca.51%), hexanal dihexyl acetal(ca.26%) and hexanal diisoamyl acetal(ca.21%)			1.427-1.432	20	0.835-0.840	20	1			1	1.3	1.3	440
hexanal propylene glycol acetal	1	95					1.418-1.428	20	0.893-0.903	20	1			1	4.5	73	
2,3-hexanedione	2	92					1.405-1.420	20	0.933-0.953	20	-			1.36	4.5	3	506
3,4-hexanedione	2	90					1.407-1.417	20	0.940-0.950	20	-			1.35	3.45	3.6	1073
hexanethiol	2	96					1.444-1.454	20	0.839-0.849	20	-			1.3,5.6	1.3,4.5	1.3,6	3229
2-hexanol	2	98					1.412-1.418	20	0.812-0.818	20	-			3.5	3.45	3	1359
3-hexanol	2	97					1.413-1.419	20	0.817-0.823	20	-			1.3,6	3.45	3.6	1303
2-hexanone	2	95					1.414-1.424	20	0.818-0.828	20	-			2.3,6	3.45	3.6	17
3-hexanone	2	96					1.396-1.406	20	0.808-0.818	20	-			3.5,6	3.45	3	375
1-hexen-3-ol	2	97					1.397-1.403	20	0.812-0.822	20	-			1.3,5,6	3.45	3.6	2107
4-hexen-3-one	4	95					1.424-1.434	20	0.830-0.842	20	-			3.5,6	3.45	1.3,6	2146
2-hexenal	4	90		sum of isomers			1.433-1.443	20	0.845-0.865	20	-			3.6	3.45	1.3,6	2251
cis-3-hexenal	3	95					1.440-1.451	20	0.840-0.854	20	10			5	4.5	1	216
trans-2-hexenal	3	98					1.427-1.435	20	0.849-0.862	20	10			1	4.5		819
cis-3-hexenal diethyl acetal	3	95					1.440-1.451	20	0.840-0.854	20	10			3.6	3.45	1.6	12
trans-2-hexenal diethyl acetal	3	99					1.420-1.426	20	0.850-0.856	20	1			4.5			643
trans-2-hexenal propylene glycol acetal	3	93					1.418-1.426	20	0.843-0.853	20	1			1.6	4.5	6	92
2-hexenoic acid	3	90			MP	27-38	1.438-1.444	20	0.919-0.926	20	1			4.5	1		96
3-hexenoic acid	12,20	95	化学法				1.435-1.447	20	0.955-0.975	20	-		10	4.5		1480	
cis-3-hexenoic acid	4	95					1.437-1.447	20	0.955-0.975	20	-			1.3,6	3.4,5	3,6	1261
trans-2-hexenoic acid	4	90					1.437-1.447	20	0.955-0.975	20	-			1	4.5		1696
trans-3-hexenoic acid	12,20	98	化学法		MP	32-38					-		10	3.6	3.4,5	1.3,6	67
2-hexenol	4	95					1.435-1.445	20	0.956-0.966	20	-			1.3,6	3.4,5	3.6	1278
3-hexenol	4	98					1.433-1.451	20	0.839-0.854	20	-			1.2,5	4.5	1.6	452
4-hexenol	4	95					1.436-1.446	20	0.830-0.860	20	-			5	4.5		1532
5-hexenol	4	95					1.438-1.448	20	0.854-0.864	20	-			1	4.5		1163
cis-3-hexenol	4	95					1.434-1.437	20	0.845-0.849	20	-			3.5,6	1.3,4,5	1.3,6	2127
cis-4-hexenol	4	95					1.436-1.446	20	0.845-0.855	20	-			2.3,6	3.4,5	3.6	8
trans-2-hexenol	4	95					1.438-1.448	20	0.854-0.864	20	-			3	4.5	3	1164
trans-3-hexenol	4	95					1.433-1.443	20	0.839-0.849	20	-			1.2,3,6	3.4,5	1.3,6	43
cis-3-hexenyl 2-ethylbutyrate	4	98					1.437-1.442	20	0.830-0.860	20	-			3.5,6	1.3,4,5	1.3,6	2127
3-hexenyl 2-methylbutyrate	3	96					1.429-1.439	20	0.975-0.985	20	1			3.5,6	1.3,4,5	3.5,6	345
cis-3-hexenyl 2-methylbutyrate	3	95					1.429-1.439	20	0.876-0.886	20	1			3	3	3	1505
cis-3-hexenyl 2-methylbutyrate	3	95					1.429-1.439	20	0.876-0.886	20	1			1	4	6	3042
trans-2-hexenyl 2-methylbutyrate	3	95					1.430-1.434	20	0.874-0.879	20	1			3	1.3	1.3	1071
3-hexenyl 3-hexenoate	3	94					1.446-1.457	20	0.900-0.910	25	1			1(cis 4(体)			2483
1-hexenyl acetate	3	98					1.424-1.432	20	0.892-0.898	20	3			3	3		1573
cis-2-hexenyl acetate	3	97					1.425-1.431	20	0.900-0.907	20	1			4.5			607
cis-3-hexenyl acetate	4	95		sum of isomers			1.421-1.431	20	0.897-0.907	20	2			1.2,3,6	3.4,5	3	69
cis-4-hexenyl acetate	3	95					1.424-1.434	20	0.904-0.914	20	1			1.2,3,6	3.4,5		2267
trans-2-hexenyl acetate	3	95					1.422-1.432	20	0.893-0.903	20	1			1.2,3,5	3.4,5	3.6	51
trans-3-hexenyl acetate	3	98					1.420-1.426	20	0.885-0.915	20	1			4.5			1420
cis-3-hexenyl acetoacetate	3	98	化学法	sum of isomers			1.445-1.455	20	0.980-0.990	20	特別 除外			3	3	3	1202
cis-3-hexenyl anthranilate	3	96					1.546-1.556	20	1.052-1.062	20	2			1	4.5	1	498
cis-3-hexenyl benzoate	3	95					1.503-1.514	20	0.998-1.008	20	2			1.3,6	3.4,5	3	508
cis-3-hexenyl butyrate	3	95					1.425-1.435	20	0.883-0.893	20	2			1.2,3,6	3.4,5	3.6	203

表示名	判断番号	含量 (%)	测定法	含量備考	熔点区分*	熔点及凝固点(°C)	屈折率	屈折温度	比重	比重温度	酸価	旋光度又は比旋光度	重金属(μg/g)	確認試験 ²⁾			使用量單位
														IR	MS	NMR	
trans-2-hexenyl butyrate	3	95					1.428-1.435	20	0.881-0.888	20	1			2	4.5	1	451
cis-3-hexenyl cinnamate	3	98	化学法				1.545-1.552	20	1.006-1.013	20	1			3	3.4	3	1408
cis-3-hexenyl cis-3-hexenoate	3	95					1.446-1.456	20	0.897-0.907	20	1			1	4		1333
cis-3-hexenyl crotonate	3	95	化学法				1.448-1.458	20	0.908-0.918	20	1			1.3	1.3,4.5	1.3	1114
cis-3-hexenyl decanoate	3	98		sum of isomers			1.441-1.447	20	0.870-0.876	20	1			1.2	4.5		1240
cis-3-hexenyl formate	3	94					1.422-1.432	20	0.910-0.920	20	2			4	4	1	1528
trans-2-hexenyl formate	3	90					1.420-1.430	20	0.900-0.910	20	2						
cis-3-hexenyl heptanoate	3	98		sum of isomers			1.436-1.442	20	0.875-0.881	20	1				4.5		802
cis-3-hexenyl hexanoate	3	95					1.432-1.442	20	0.875-0.885	20	2			1.3	3.4,5	3(C,H)	164
trans-2-hexenyl hexanoate	3	93					1.432-1.442	20	0.873-0.883	20	1			1.3	1.4,5	3	496
cis-3-hexenyl isobutyrate	3	98					1.424-1.432	20	0.877-0.887	20	1			1.3	1.4,5	3	522
trans-2-hexenyl isobutyrate	3	98					1.426-1.432	20	0.875-0.881	20	1			3	3		1187
5-hexenyl isothiocyanate	4	96					1.506-1.516	20	0.955-0.965	20	-			3	1.3	3	178
3-hexenyl isovalerate	3	95		sum of isomers			1.427-1.437	20	0.873-0.883	20	2			1	4		3088
cis-3-hexenyl isovalerate	3	95					1.427-1.437	20	0.873-0.883	20	2			3	3.4,5	3	367
trans-2-hexenyl isovalerate	3	95					1.425-1.435	20	0.870-0.880	20	1						2054
cis-3-hexenyl lactate	3	95					1.441-1.451	20	0.981-0.991	20	2			1.3,6	3.4,5	3	227
trans-2-hexenyl lactate	3	95					1.442-1.452	20	0.976-0.986	20	1			3	3		2300
cis-3-hexenyl octanoate	3	97		sum of isomers			1.438-1.444	20	0.873-0.879	20	1			3	3.4	3	618
cis-3-hexenyl phenylacetate	3	97					1.497-1.507	20	0.991-0.997	20	1			3	3.4,5	1.3	713
cis-3-hexenyl propionate	3	95					1.424-1.434	20	0.891-0.901	20	2			1.3	3.4,5	1.3	363
trans-2-hexenyl propionate	3	94					1.426-1.436	20	0.887-0.897	20	1			3	3.4,5	1.3	783
cis-3-hexenyl pyruvate	3	90					1.437-1.447	20	0.987-0.997	20	1			1	4.5	1	183
cis-3-hexenyl salicylate	3	96					1.517-1.527	20	1.060-1.070	20	2			3	3.4,5	3(C,H)	1098
cis-3-hexenyl tiglate	3	97					1.456-1.462	20	0.915-0.921	20	1			1.3,6	1.4	3	1029
cis-3-hexenyl trans-2-hexenoate	3	94					1.452-1.462	20	0.898-0.908	20	1			1	1.4	1	1020
cis-3-hexenyl valerate	3	98		sum of isomers			1.431-1.439	20	0.881-0.889	20	1			1	4.5	1	923
hexyl 2-methylbutyrate	1	98					1.416-1.422	20	0.858-0.864	20	1			1	4.5		169
2-hexyl acetate	1	98					1.402-1.408	20	0.863-0.869	20	1			2	4.5		610
hexyl benzoate	1	98					1.407-1.413	20	0.871-0.877	20	1			1.2,3,6	3.4,5	3.6	6
hexyl butyrate	1	98					1.490-1.496	20	0.978-0.984	20	1			1.3	3.4,5	3	612
hexyl crotonate	3	98					1.414-1.420	20	0.864-0.870	20	1			1.2,3,6	3.4,5	3.6	155
hexyl decanoate	1	98					1.436-1.442	20	0.887-0.893	20	1			2	4.5	1	1950
hexyl formate	1	95					1.402-1.412	20	0.878-0.888	20	1			3.6	3.4,5	3.6	201
hexyl heptanoate	1	98					1.426-1.430	20	0.860-0.865	20	1			1.4			1498
hexyl hexanoate	1	98					1.421-1.427	20	0.861-0.867	20	1			1.2,3,6	3.4,5	3.6	173
hexyl isobutyrate	1	98					1.410-1.416	20	0.857-0.863	20	1			1	4.5		572
hexyl isothiocyanate	2	97					1.489-1.495	20	0.931-0.941	20	-				1.4,5		869
hexyl isovalerate	1	95					1.413-1.423	20	0.854-0.864	20	1			1.3,6	4.5	3	510
hexyl lactate	1	95					1.424-1.434	20	0.952-0.962	20	1			3	3	3	470
hexyl nonanoate	1	96					1.431-1.436	20	0.858-0.863	20	1			3	1.3	3	343
hexyl octanoate	1	98					1.428-1.434	20	0.859-0.865	20	1			1.6	4.5		192
hexyl phenylacetate	1	98					1.483-1.489	20	0.968-0.974	20	1			3.5	1.3,4.5	3	671
hexyl propionate	1	97					1.411-1.417	20	0.868-0.874	20	1			1.3,6	3.4,5	3.6	275
hexyl valerate	1	98					1.418-1.424	20	0.862-0.868	20	1			4.5			838
alpha-hexylcinnamaldehyde	3	95					1.545-1.555	20	0.953-0.964	20	10			1.2,3	3.4,5	3	416
2-hydroxy-2-cyclohexen-1-one	12,20	97		MP	34-41						-		10	1			928
2-hydroxy-3,3-dimethyl-4-butanone	9,17	98	化学法	MP	90-94						10		10	3.5,6	3.4,5	3	3071
3-hydroxy-4,5-dimethyl-2(5H)-furanone	12,20	97		MP	25-29						-		10	1	4.5		184
4-hydroxy-3-methoxybenzyl alcohol	10,18	98		MP	113-117						-		10	1.3	3.4,5	3	1348
4-hydroxy-5-methyl-3(2H)-furanone	10,18	98		MP	126-130						-		10				3193
4-hydroxy-4-methyl-2-pentanone	2	98					1.419-1.429	20	0.941-0.963	20	-			3.5,6	3.4,5	3.6	2253
2-hydroxy-5-methylacetophenone	10,18	98		MP	45-49						-		10	3.5,6	3.4,5	6	2412
2-hydroxy-4-methylbenzaldehyde	9,17	95		MP	55-61						10		10	1	4.5		1432
5-hydroxy-4-octanone	2	95					1.427-1.437	20	0.917-0.927	20	-			1.3,5	3.4,5		341

表示名	判断番号	含量 (%)	测定法	含量備考	融点 区分*	融点又は 凝固点(°C)	屈折率	屈折 温度	比重	比重 温度	融価	旋光度又は 比旋光度	重金属 (μg/g)	確認試験 ²			使用量 單位
														IR	MS	NMR	
4-hydroxyacetophenone	10,18	98	HPLC		MP	109-112							10	3	3,4,5	3	3041
3-hydroxybenzaldehyde	9,17	99			MP	101-105					10		10	3,5	3,4,5	3,6	3170
4-hydroxybenzaldehyde	9,17	98			MP	114-119					10		10	1,3,6	3,4,5	3,6	605
4-hydroxybenzyl alcohol	10,18	99			MP	109-113							10	1,3,5,6	3,4,5	3,6	2516
3-hydroxybutane-2-thiol	2	95					1,476-1,486	20	1,006-1,022	20				1	4	1	633
hydroxycitronellal diethyl acetal	3	95					1,435-1,445	20	0,903-0,913	20	1			1			280
hydroxycitronellol	2	97					1,456-1,462	20	0,929-0,935	20				1	4,5		180
6-hydroxydihydrotheaspirane	4	98					1,481-1,487	20	1,006-1,010	20				3,6	3,4,5	3,6	2554
2-hydroxyethanethiol	2	98					1,499-1,505	20	1,114-1,120	20				3	3		144
3-hydroxyhexanoic acid	2	95	化学法				1,440-1,450	20	1,070-1,080	20				3,6	3,4,5	3,6	696
5-(hydroxymethyl)-2-furfural	9,17	95			MP	28-35	1,557-1,567	20	1,238-1,248	25	10		10	3,6	3,4,5	3,6	1426
3-(hydroxymethyl)-2-octanone	2	90					1,416-1,422	20	0,874-0,878	25							
4-hydroxyphenethyl alcohol	10,18	98			MP	90-95							10	3,6	3,4,5,6	3	3165
2-hydroxyphenol	10,18	99			MP	102-106							10	3,6	3,4,5,6	3	3194
3-hydroxyphenol	10,18	98			MP	105-115							10	1,3,5,6	3,4,5	6	940
2-hydroxypropyl valerate	1	97		PG valerate とし			1,424-1,434	20	0,973-0,983	20	1		10	1,2,3,6	3,4,5	3,6	1095
indole	10,18	97			MP	51-54							10	2,3,5,6	3,4,5	1,3(G, H),6	3074
alpha-ionol	4	95					1,484-1,494	20	0,911-0,921	25				1	4,5		2588
beta-ionol	4	94					1,490-1,510	25	0,920-0,940	20				1	4,5	1	2261
alpha-ionone	4	90		sum of α-, β-, γ-ionone SC:alpha: < 4%, pseudo ionones: < 2%			1,493-1,522	20	0,924-0,948	20				1,2,3,6	3,4,5	3,6	2860
beta-ionone	4	90					1508-1,525	20	0,930-0,950	20				1,2,3,6	3,4,5	3,6	2862
alpha-iron	4	94					1,497-1,507	20	0,930-0,940	20				1	4,5		1156
isoamyl 2-methylbutyrate	1	97					1,411-1,417	20	0,857-0,863	20	1			1	4,5		239
isoamyl acetoacetate	1	95					1,424-1,434	20	0,961-0,971	20	特例 除外			1,3	3,4,5	3	392
isoamyl benzoate	1	98					1,490-1,496	20	0,986-0,992	20	1			1,2,3	3,4,5	3	557
isoamyl cinnamate	3	96					1,531-1,541	20	0,992-1,002	20	1			1,2,3	3,4,5(t ran s)		299
isoamyl decanoate	1	97					1,429-1,435	20	0,855-0,861	20	1			4			865
isoamyl heptanoate	1	98					1,420-1,426	20	0,859-0,865	20	1			4,5			1052
isoamyl hexanoate	1	98					1,417-1,423	20	0,859-0,865	20	1			1,2,3	3,4,5	3	167
isoamyl isobutyrate	1	98					1,404-1,410	20	0,856-0,862	20	1			1,2,3,6	3,4,5	3	89
isoamyl isothiocyanate	2	98					1,493-1,499	20	0,939-0,945	20				5	1,4,5		2716
isoamyl laurate	1	97					1,433-1,439	20	0,855-0,861	20	1			1,3,6	3,4,5	3,6	1056
isoamyl levulinate	1	98					1,427-1,433	20	0,957-0,963	20	1			3	3,4,5	3	824
isoamyl octanoate	1	98					1,423-1,429	20	0,857-0,863	20	1			1,5	4,5		411
isoamyl phenethyl ether	2	98					1,477-1,485	20	0,897-0,913	20				3	3	3	1129
isoamyl salicylate	1	98					1,504-1,509	20	1,051-1,057	20	1			1,2,3,5	3,4,5	3,6	383
isoamyl tiglate	3	98	化学法				1,439-1,446	20	0,895-0,902	20	1			6	6	6	1651
isoamyl undecanoate	3	98	化学法				1,440-1,446	20	0,868-0,874	20	1			3	3,4	3	1218
isoamyl valerate	1	98					1,413-1,419	20	0,860-0,866	20	1				4,5		334
isoborneol	12,20	90			MP	208-214							10	1,2,3,5,6	4,5	3,6	1135
isobornyl acetate	3	90					1,460-1,470	20	0,980-0,990	20	1			1,2,3	3,4,5	3	231
isobutanol diethyl acetal	1	97					1,391-1,397	20	0,822-0,828	20	1			3	3,4,5	3	278
isobutanol propylene glycol acetal	1	96		sum of isomers			1,407-1,412	20	0,903-0,909	20	1			1	1	1	534
2-isobutyl-4,5-dimethylthiazole	2	96					1,491-1,501	20	0,967-0,977	20				4,5			2158
2-isobutyl-3(5)(6)-methoxy pyrazine	2	99					1,487-1,497	20	0,989-0,999	20				1	4,5	6	1010
2-isobutyl-3(6)-methoxy pyrazine	2	99		sum of isomers			1,488-1,494	20	0,990-0,996	20				1,6	4,5	6	2414
2-isobutyl-3-methoxy pyrazine	2	95					1,487-1,497	20	0,989-0,999	20				1	4,5	6	1189
isobutyl 2-methylbutyrate	1	98					1,404-1,450	20	0,856-0,862	20	1				4,5		255
isobutyl acetate	1	97					1,388-1,394	20	0,870-0,876	20	1			1,2,3	3,4,5	3,6	20

表示名	判断番号	含量 (%)	测定法	含量備考	融点 区分*	融点又は 凝固点(°C)	屈折率	屈折 温度	比重	比重 温度	酸価	旋光度又は 比旋光度	重金属 (μg/g)	確認試験 ²⁾			使用量 單位
														IR	MS	NMR	
isobutyl anthranilate	1	98					1.539-1.545	20	1.056-1.062	20	1			4.5	1	812	
isobutyl benzoate	1	98					1.490-1.496	20	0.997-1.003	20	1			1.3,5	3,4,5	3	360
isobutyl beta-naphthyl ether	10,18	97		MP	30-34												
isobutyl butyrate	1	98					1.400-1.406	20	0.861-0.867	20	1			1.2,3,5	3,4,5	3,6	587
isobutyl cinnamate	3	98					1.538-1.544	20	1.003-1.009	20	1			1.2,5,6	4,5	6	959
isobutyl crotonate	3	98					1.426-1.432	20	0.889-0.895	20	1			1.2,6	4,5	6	1041
isobutyl formate	1	95					1.381-1.391	20	0.881-0.891	20	1			1.2,3,6	3,4,5	3,6	727
isobutyl hexanoate	1	98					1.412-1.418	20	0.857-0.863	20	1			1.2,3,5	3,4,5	3(C,H)	317
isobutyl isobutyrate	1	98					1.397-1.403	20	0.853-0.859	20	1			1,3	3,4,5	3,6	158
isobutyl isothiocyante	2	95					1.491-1.501	20	0.935-0.951	20	-			3	1,3,4,5	3	575
isobutyl isovalerate	1	98					1.403-1.409	20	0.852-0.858	20	1			1.3,5	3,4,5	3	288
isobutyl lactate	1	98					1.415-1.421	20	0.974-0.980	20	1			3	4,5	3	521
isobutyl laurate	1	98					1.430-1.436	20	0.854-0.860	20	1			3	3,4,5		1285
isobutyl myristate	1	97					1.434-1.440	20	0.854-0.860	20	1			3	3,4	3	1354
isobutyl N-methylanthranilate	1	90					1.539-1.549	20	1.032-1.042	20	1			5	4,5	1	1413
isobutyl octanoate	1	98					1.419-1.425	20	0.855-0.861	20	2			3	3,4,5	3	787
isobutyl propionate	1	98					1.396-1.402	20	0.865-0.871	20	1			1,3	3,4,5	3,6	147
isobutyl salicylate	1	98					1.505-1.511	20	1.064-1.070	20	1			1,2,3	3,4,5	3	1025
isobutyl valerate	1	98					1.406-1.412	20	0.859-0.865	20	1				4,5		1103
2-isobutylthiazole	2	95					1.490-1.500	20	0.995-1.005	20	-			5	4,5	1	109
isobutyric acid	2	98					1.391-1.397	20	0.947-0.953	20	-			1,2,3,6	3,4,5	3,6	37
isocyclocitral	3	94		sum of isomers			1.465-1.475	20	0.917-0.927	20	5						
isoeugenyl acetate	11,19	98		MP	78-82						1		10	1,2	3,4,5		943
isoeugenyl methyl ether	4	95		sum of isomers 通常体10%を含む			1.561-1.577	20	1.048-1.060	20	-			1,2,5	1,4,5		481
isoeugenyl phenylacetate	3	95		sum of isomers (cis-10%, trans-90%)			1.573-1.583	20	1.115-1.125	20	5					1,6	803
isojasnone	4	95		sum of isomers			1.468-1.478	20	0.912-0.924	20	-				4,5	1	795
dl-isomenthone	2	92		sum of isomers			1.448-1.458	20	0.897-0.907	20	-			1	4,5		2840
isomenthone	2	98		sum of isomers			1.449-1.456	20	0.895-0.905	20	-			1	4,5		381
isophorone	4	97		sum of isomers			1.475-1.481	20	0.920-0.926	20	-			3,6	4,5	1,6	489
isophytol	4	95		sum of isomers			1.451-1.461	20	0.840-0.850	20	-			3	3,4,5		1188
1-isopropenyl-4-methylbenzene	4	94		sum of isomers			1.529-1.539	20	0.894-0.906	20	-			5,6	4,5	1	2049
2-isopropenyl-3(5(6)-methoxy)pyrazine	2	97		sum of isomers			1.492-1.498	20	1.015-1.021	20	-			1,2,3,6	3,4,5	6	2847
2-isopropenyl-5-methyl-2-hexenal	3	95		sum of isomers			1.446-1.456	20	0.840-0.850	25	10			6	4,5	1	1537
2-isopropenyl-4-methylthiazole	2	95		sum of isomers			1.494-1.504	20	0.997-1.007	20	-			1,3	1,3,4,5	1,3	328
isopropyl 2-methylbutyrate	1	98					1.395-1.401	20	0.851-0.857	20	1			1,6	4,5		267
isopropyl acetate	1	98					1.374-1.380	20	0.870-0.876	20	1			1,2,3,6	3,4,5	3,6	133
isopropyl butyrate	1	98					1.391-1.397	20	0.858-0.864	20	1			1,3,5	3,4,5	3,6	291
isopropyl cinnamate	3	98					1.542-1.548	20	1.017-1.023	20	1			3,5,6	1,3,4,5	3,6	442
isopropyl decanoate	1	98					1.422-1.428	20	0.853-0.859	20	1				4,5		1201
isopropyl formate	1	95					1.363-1.375	20	0.880-0.890	20	1			1,3,5	3,4,5	3	836
isopropyl hexanoate	1	98					1.405-1.409	20	0.854-0.860	20	1			3	1,3,4,5	3(C,H)	471
isopropyl isobutyrate	1	95					1.384-1.394	20	0.844-0.854	20	1			1,3	4,5	3	515
isopropyl isothiocyante	2	95					1.487-1.497	20	0.945-0.955	20	-			5	1,4,5		693
isopropyl isovalerate	1	98					1.394-1.400	20	0.848-0.854	20	1			1	4,5		725
isopropyl levulinate	1	98					1.418-1.424	20	0.978-0.984	20	1				4,5		1226
isopropyl myristate	1	96					1.429-1.439	20	0.850-0.860	20	1			1,3,6	3,4,5	3,6	107
isopropyl octanoate	1	98					1.414-1.420	20	0.853-0.859	20	1			3	4,5	3,6	1133
isopropyl palmitate	1	96					1.435-1.442	20	0.850-0.857	20	1			3,5,6	3,4,5	3,6	1657
isopropyl phenylacetate	1	98					1.485-1.491	20	0.998-1.004	20	1			5	4,5	1	1144
isopropyl propionate	1	98					1.384-1.390	20	0.863-0.869	20	1			1,2,3	3,4,5	3	361
4-isopropylbenzyl alcohol	2	97		sum of isomers			1.516-1.522	20	0.973-0.982	20	-			1,3,5	3,4,5	3,6	852
2-isopropylphenol	2	98					1.524-1.530	20	0.992-1.002	20	-			1,3,6	3,4,5	3,6	769
4-isopropylphenol	2	97		MP	56-66						-		10	5	4,5	6	2255

表示名	判断番号	含量 (%)	测定法	含量備考	融点 区分 ^{*)}	融点又 凝固点(°C)	屈折率	屈折 温度	比重	比重 温度	酸価	旋光度又 比旋光度	重金属 (μg/g)	確認試験 ^{*)}			使用量 單位
														IR	MS	NMR	
4-isopropylphenylacetaldehyde	1	97					1.510-1.516	20	0.967-0.975	20	1			4		2519	
isopulegol	4	90		sum of isomers			1.467-1.477	20	0.905-0.918	20	-			1.2, 5	4, 5	214	
l-isopulegol	8	90		sum of isomers			1.467-1.477	20	0.905-0.915	20	-	-21 to -19		1.2, 3, 6	3, 4, 5	3, 6	
isopulegyl acetate	3	95		sum of isomers			1.445-1.465	20	0.925-0.947	20	1			1	4, 5	733	
isovaleraldehyde diethyl acetal	1	95					1.395-1.403	20	0.825-0.832	20	1			1	1, 4, 5	279	
isovaleraldehyde propylene glycol acetal	1	95		sum of isomers			1.412-1.420	20	0.895-0.902	20	1			1, 6	1, 4	336	
isovaleric acid	2	98					1.400-1.406	20	0.925-0.931	20	-			1, 2, 3, 5, 6	3, 4, 5	90	
cis-jasnone	4	98					1.496-1.502	20	0.940-0.947	20	-			3, 6	3, 4, 5	1, 3, 6	
lauric acid	10, 18	98	化学法		CP	42-47					-		20	1, 3, 5, 6	3, 4, 5	3, 6	
levulinic acid	2	97	化学法				1.439-1.445	20	1.136-1.147	20	-			1, 2, 3, 6	3, 4, 5	3, 6	
d-limonen-10-ol	8	90			MP	37-43	1.495-1.505	20	0.957-0.977	20	-	+100 to +120		4		1308	
limonen-10-ol	4	95					1.495-1.505	20	0.956-0.977	20	-			4		958	
d-limonene	8	90					1.468-1.478	20	0.840-0.850	20	-	+95 to +104		1, 2, 3, 6	3, 4, 5	3, 6	
limonene	4	95					1.468-1.478	20	0.840-0.850	20	-			1, 2, 3	4, 5	6	
l-limonene	8	90					1.468-1.478	20	0.840-0.850	20	-	-90 to -80		6	4, 5	6	
linalool oxide (furanoid)	4	95		sum of isomers			1.447-1.457	20	0.940-0.950	20	-			2		254	
linalool oxide (pyranoid)	12, 20	90									-		10	3	3, 4, 5	285	
linalyl anthranilate	3	98					1.545-1.552	20	1.043-1.058	20	2			4, 5	1	223	
linalyl benzoate	3	92					1.505-1.520	20	0.979-0.989	20	2			1, 2	4	689	
linalyl butyrate	3	95					1.447-1.457	20	0.892-0.902	20	1			1	4, 5	487	
linalyl cinnamate	3	94					1.538-1.548	20	0.987-0.997	20	5			1		1368	
linalyl formate	3	90					1.450-1.463	20	0.910-0.922	20	3			1, 2	4, 5	599	
linalyl hexanoate	3	95					1.448-1.458	20	0.884-0.894	20	1			1, 2	4, 5	1067	
linalyl isobutyrate	3	95					1.445-1.455	20	0.883-0.895	20	1			1, 2	4, 5	581	
linalyl isovalerate	3	94					1.446-1.456	20	0.881-0.891	20	1			1	4	897	
linalyl octanoate	3	93					1.451-1.461	20	0.879-0.889	20	1			1	4, 5	1286	
linalyl phenylacetate	3	95	化学法				1.500-1.508	20	0.970-0.980	20	3			1, 2, 6	4, 5	622	
linalyl propionate	3	93	化学法				1.445-1.455	20	0.893-0.903	20	1			1, 3, 5, 6	3, 4, 5	3, 6	
linoleic acid	4	98-102	化学法				1.462-1.470	20	0.898-0.905	20	-			1, 2, 6	4	726	
maltol butyrate	1	95					1.495-1.505	20	1.156-1.166	20	2			1, 2, 6	4	50	
maltol isobutyrate	1	97					1.493-1.499	20	1.150-1.156	20	5			1, 2, 6	4	2048	
1,8-p-menthadien-4-ol	4	90					1.489-1.499	20	0.955-0.965	20	-			4		1336	
2,8-p-menthadien-1-ol	4	95		sum of isomers			1.484-1.494	20	0.936-0.946	20	-			1	4, 5	939	
menthalactone	3	96					1.494-1.504	20	1.060-1.070	20	1			1		2063	
p-menthan-2-one	2	96					1.449-1.459	20	0.898-0.908	20	-			1	4, 5		
menthanol	2	95		sum of isomers			1.460-1.475	20	0.903-0.915	20	-			1, 2, 3, 5, 6	3, 4, 5	936	
p-1-menthen-9-yl acetate	3	98					1.463-1.469	20	0.959-0.965	20	1			1		3240	
d-8-p-menthene-1,2-epoxide	8	97					1.464-1.474	20	0.926-0.936	20	-	+65 to +80		4, 5		439	
menthofuran	2	95					1.479-1.489	20	0.964-0.974	20	-			1, 5	4, 5	3	
l-menthone	6	95		sum of isomers			1.445-1.455	20	0.890-0.900	20	-	-23 to -10		2, 3, 6	3, 4, 5	3, 6	
menthone	2	95		sum of isomers			1.445-1.455	20	0.890-0.900	20	-			2, 3, 6	3, 4, 5	3, 6	
3-(l-menthoxy)-1,2-propanediol	2	98					1.471-1.477	20	0.992-1.004	20	-	-86 to -80		1		68	
2-(l-menthoxy)ethanol	6	99					1.457-1.467	20	0.920-0.940	25	-	-86 to -92 (比旋光度)		1		3008	
l-menthyl 2-methylbutyrate	5	98					1.444-1.450	20	0.903-0.909	20	1	-60 to -54		3	3	1659	
menthyl 3-hydroxybutyrate	1	95					1.453-1.463	25	0.970-0.980	25	1			1, 3	3	175	
menthyl acetate	1	98					1.443-1.449	20	0.923-0.929	20	1			1, 3, 5	3, 4, 5	1062	
menthyl butyrate	1	99					1.445-1.451	20	0.908-0.918	20	1			3	3	583	
menthyl decanoate	1	98					1.452-1.458	20	0.889-0.899	20	1			3	3	779	
l-menthyl formate	5	97					1.446-1.453	20	0.936-0.943	20	1	-80 to -74		3	3	403	
menthyl formate	1	98					1.446-1.452	20	0.937-0.943	20	1			3	3	2095	
menthyl hexanoate	1	99					1.447-1.453	20	0.900-0.910	20	1			3	3	691	
l-menthyl isovalerate	5	98					1.444-1.450	20	0.900-0.906	20	1	-60 to -56		1, 6	4, 5	1181	

表示名	判断番号	含量 (%)	测定法	含量備考	融点 区分*	融点又は 凝固点(°C)	屈折率	屈折 温度	比重	比重 温度	融価	旋光度又は 比旋光度	重金属 (μg/g)	確認試験 ²⁾			使用量 単位	
														IR	MS	NMR		
menthyl isovalerate	1	95					1.442-1.452	20	0.900-0.910	20	1			1.6	4.5	632		
l-menthyl lactate	13,21	95		MP	37-43		1.454-1.460	20	0.980-0.984	20	2	-69 to -73	20			149		
menthyl lactate	9,17	90		MP	42-47						1		10	1		333		
menthyl octanoate	1	99					1.449-1.455	20	0.894-0.904	20	1			3	3	692		
menthyl palmitate	1	95-105	化学法				1.454-1.464	20	0.872-0.892	25	5			3	3	1983		
l-menthyl propionate	1	98					1.443-1.449	20	0.917-0.923	20	1	-71 to -67		3	3	567		
menthyl valerate	1	98					1.445-1.451	20	0.905-0.911	20	1			1	1.4	586		
3-mercaptopropanoic acid	2	96					1.474-1.484	20	0.984-0.994	20	-			1	1.4, 5	2486		
3-mercaptopropanoic acid	1	98					1.457-1.467	20	1.025-1.035	20	1			1	1.4, 5	2487		
3-[(2-mercaptopropanoic acid)-2-butanol]	2	94					1.515-1.525	20	1.042-1.062	20	-			1	4	582		
3-mercaptopentanoic acid	2	98					1.463-1.469	20	0.986-1.002	20	-				1.4	1421		
2-mercaptopentanoic acid	12,20	98		MP	151-155						-		10	3.5	3.4, 5	3087		
3-mercaptopentanoic acid	2	98					1.475-1.489	20	0.966-0.980	20	-			1	1.4, 5	2165		
3-mercaptopentanoic acid	1	98					1.455-1.465	20	0.985-0.996	20	1			1	1.4, 5	2488		
3-mercaptopentanoic acid	1	98					1.456-1.462	20	0.963-0.989	20	1			1	1.4, 5	2489		
2-(3-(10)-mercaptopentanoic acid)	2	97		sum of isomers			1.511-1.517	20	0.978-0.985	20	-			1.6	6	2070		
2-mercaptopentanoic acid	2	95					1.477-1.487	20	1.194-1.204	20	-			2, 3, 5, 6	3.4, 5	3.6	408	
3-mercaptopentanoic acid	2	98					1.490-1.496	20	1.220-1.226	20	-			3, 5, 6	3.4, 5	3.6	645	
methional	1	90					1.479-1.493	20	1.037-1.060	20	10			1.6	3.4, 5	3.6	272	
methional	2	98					1.485-1.495	20	1.024-1.034	20	-			1.3, 6	3.4, 5	3.6	362	
4-methoxy-2,5-dimethylfuran-3(2H)-one	4	97					1.475-1.481	20	1.091-1.101	20	-			6	4, 5	1.6	318	
2-methoxy-3-isopropylpyrazine	2	96					1.490-1.500	20	1.009-1.019	20	-			1, 2, 3	3.4, 5	1313		
1-methoxy-4-methylbenzene	2	98					1.509-1.515	20	0.969-0.975	20	-			1, 2, 3, 5, 6	3.4, 5	3.6	1247	
4-methoxy-2-methylbutane-2-thiol	2	98					1.445-1.455	20	0.913-0.923	20	-			1	1.4	1482		
2-methoxy-3(5(6)-methylpyrazine	2	97		sum of isomers			1.504-1.511	20	1.063-1.093	20	-			1.2		400		
2-methoxy-3(5)-methylpyrazine	2	98					1.504-1.510	20	1.079-1.086	20	-			1.2		389		
2-methoxy-3(6)-methylpyrazine	2	99		sum of isomers			1.505-1.510	20	1.070-1.090	20	-			1.2		860		
2-methoxy-3-methylpyrazine	2	98		sum of isomers			1.505-1.510	20	1.063-1.093	20	-			1.2	4, 5	886		
1-methoxy-4-propylbenzene	2	98					1.503-1.506	20	0.941-0.947	20	-			1, 2, 5	4, 5	253		
2-methoxybenzaldehyde	1	97		CP	34-40		1.557-1.563	20	1.130-1.136	20	5		10	3, 5, 6	3.4, 5	3.6	1448	
2-methoxybenzaldehyde	2	96					1.586-1.596	20	1.147-1.157	25	5			1, 3, 5	1.3, 4, 5	1.3	2071	
2-methoxybenzaldehyde	11,19	96		MP	45-49						10			1	4, 5	937		
4-methoxycinnamaldehyde	11,19	96		MP	56-63						10			1	4, 5	708		
4-methoxyphenol	10,18	99		MP	54-58						-			10	3, 5, 6	3.4, 5	3.6	2089
2-(4-methoxyphenoxy)propionic acid	10,18	99		MP	89-93						-			10	1.3	3135		
1-(4-methoxyphenoxy)-1-penten-3-one	12,20	95		MP	57-63						-			10	1.2	2102		
1-(4-methoxyphenoxy)-2-propanone	2	97					1.515-1.535	20	1.055-1.075	25	-			1, 3, 5	3.4, 5	3.6	2200	
methoxypropazine	2	99					1.507-1.512	20	1.110-1.150	20	-			1, 2, 3, 5, 6	4, 5	3.6	1134	
2-methoxypropazine	2	99					1.499-1.509	20	1.037-1.057	20	-			3, 6	3.4, 5	3	3005	
6-methoxyquinoline	2	95					1.619-1.629	20	1.147-1.157	20	-			3, 5, 6	3.4, 5	3.6	2129	
3-methyl-2-butanethiol	2	95					1.439-1.449	20	0.835-0.847	20	-			1	1.4, 5	1	1170	
3-methyl-2-butanone	2	97					1.385-1.391	20	0.800-0.810	20	-			3, 5, 6	3.4, 5	3.6	816	
3-methyl-3-buten-2-one	4	95					1.418-1.428	20	0.855-0.865	20	-			4, 5	3	2244		
3-methyl-trans-2-butenic acid	12,20	97		MP	65-70						-		10	3, 6	1.3, 4, 5	1.6	1508	
3-methyl-2-butenyl acetate	3	98					1.428-1.434	20	0.916-0.922	20	1			3, 6	1.3, 4, 5	6	398	
3-methyl-3-butenyl acetate	3	95					1.414-1.424	25	0.902-0.912	25	1			1	1.4	1	1304	
2-methyl-3-(4-tert-butylphenyl)propanal	1	97					1.502-1.508	20	0.942-0.948	25	2			3, 5	3.4, 5	822		
3-methyl-1,2-cyclohexanedione	10,18	96		MP	57-63						-			1, 6		2493		
2-methyl-3-(2-furyl)-2-propanal	3	97					1.612-1.619	20	1.092-1.102	20	10					1	2105	
3-(5-methyl-2-furyl)butanal	1	99					1.470-1.476	20	1.008-1.018	20	10					1	1089	
6-methyl-3,5-heptadien-2-one	4	96					1.530-1.540	20	0.892-0.902	20	-				4, 5	1	1296	
6-methyl-3-heptanone	2	95					1.410-1.420	20	0.816-0.826	20	-			5	4, 5	638		
6-methyl-5-hepten-2-ol	4	95					1.443-1.453	20	0.843-0.856	20	-			6	4, 5	1263		

表示名	判断番号	含量 (%)	测定法	含量備考	融点 区分 ¹⁾	融点又は 凝固点(°C)	屈折率	屈折 温度	比重	比重 温度	比價 融價	旋光度又は 比旋光度	重金属 (μg/g)	確認試験 ²⁾			使用量 單位	
														IR	MS	NMR		
5-methyl-2-hepten-4-one	4	95					1.436-1.446	20	0.846-0.856	20	-			2,3,5,6	3,4,5	1,3,6	1	1072
6-methyl-5-hepten-2-one	4	95					1.435-1.445	20	0.847-0.857	20	-			3	3	3	3	81
6-methyl-5-hepten-2-one propyleneglycol acetal	3	98					1.439-1.446	20	0.905-0.911	20	1							1216
5-methyl-2,3-hexanedione	2	94					1.406-1.419	20	0.908-0.919	20	-			1				591
5-methyl-2-hexanone	2	98					1.404-1.410	20	0.811-0.817	20	-			3,5	3,4,5	3		960
2-methyl-3-(4-methylphenyl)propanal	1	95					1.498-1.513	20	0.964-0.974	20	5			4				531
2-methyl-3(5)-(methylthio)pyrazine	2	98	sum of isomers				1.579-1.589	20	1.140-1.150	20	-			1	4,5	3		463
2-methyl-3(5)-(methylthio)pyrazine	2	99	sum of isomers				1.579-1.585	20	1.141-1.147	20	-			1,3	3,4,5	3		847
2-methyl-3(6)-(methylthio)pyrazine	2	98	sum of isomers				1.579-1.587	20	1.141-1.150	20	-			1,3,6	3,4,5	3,6		796
2-methyl-3(methylthio)pyrazine	2	98	sum of isomers				1.579-1.585	20	1.141-1.147	20	-			1,3	3,4,5	3		2083
4-methyl-2,3-pentanedione	2	95					1.397-1.407	20	0.921-0.925	20	-			1,4,5		3,30		
4-methyl-2-pentanol	2	98					1.408-1.414	20	0.805-0.811	20	-			3,5	3,4,5	3		3197
4-methyl-2-pentanone	2	98					1.390-1.400	20	0.797-0.807	20	-			1,3,6	3,4,5	3,6		640
4-methyl-3-penten-2-one	4	90					1.439-1.449	20	0.851-0.861	20	-			3,5,6	3,4,5	1,3,6		917
2-methyl-2-pentenal	3	97					1.444-1.455	20	0.845-0.875	20	5			1,5,6	1,4,5	6		876
4-methyl-2-pentenal	3	95					1.447-1.457	20	0.866-0.886	20	10			1	4	1		2522
4-methyl-cis-2-pentene	4	99					1.385-1.391	20	0.667-0.673	20	-			3,5	4,5	3		2526
2-methyl-4-pentenoic acid	12,20	95		MP	24-28						-		10	1,2,3	3,4,5	3		202
2-methyl-4-pentenoic acid	4	97					1.426-1.436	20	0.944-0.956	25	-			1,3	3,4,5	3		848
1-(4-methyl-3-pentenyl)-1-cyclohexene-4-carbaldehyde	3	96	sum of isomers				1.486-1.496	20	0.925-0.935	25	10			1,3,6	1,3,4,5	1,3,6		2144
2-methyl-4-phenyl-2-butanol	1	99					1.507-1.513	20	0.957-0.964	20	-			1,3,6	1,3,4,5	1,3,6		762
2-methyl-4-phenyl-2-butyl acetate	1	96					1.484-1.494	20	0.981-0.991	20	1					1		740
2-methyl-4-phenyl-2-butyl isobutyrate	1	97					1.475-1.485	20	0.950-0.959	20	1					1		1094
5-methyl-2-phenyl-2-hexenal	3	92					1.526-1.536	20	0.970-0.978	20	10			6	4,5	1,6		319
3-methyl-1-phenyl-3-pentanol	2	98					1.508-1.514	20	0.958-0.965	20	-			1	1,4,5			760
4-methyl-1-phenyl-2-pentanol	2	96					1.490-1.510	20	0.938-0.948	20	-			1	4,5			717
4-methyl-1-phenyl-2-pentanone	2	98					1.500-1.510	20	0.940-0.949	25	-			1,3,6	3,4,5	3,6		2090
4-methyl-2-phenyl-2-pentenal	3	90					1.525-1.540	20	0.978-0.988	20	10			6	4,5	1		747
2-methyl-1-phenyl-2-propanol	2	98					1.512-1.518	20	0.974-0.980	20	-			1,2,3,5	3,4,5	1,3		282
2-methyl-1-phenyl-2-propyl acetate	9,17	98		CP	28-36						1			2,3	3,4,5	1,3		151
2-methyl-1-phenyl-2-propyl butyrate	1	98					1.483-1.489	20	0.972-0.978	20	1			2	4,5	1		100
2-methyl-1-phenyl-2-propyl isobutyrate	1	97					1.477-1.485	20	0.964-0.972	20	1			3	3,4	3		1141
2-methyl-4-phenylbutanal	1	95					1.503-1.513	20	0.970-0.980	20	3					1		2426
3-methyl-5-propyl-1,3-oxathiane	4	97					1.480-1.486	20	0.925-0.931	20	-					1		2496
2-methyl-4-propyl-1,3-oxathiane	2	98					1.475-1.485	20	0.973-0.983	20	-					1,4,5		646
1-methyl-2-pyrrolicarbaldehyde	1	90	sum of isomers				1.555-1.565	20	1.072-1.082	20	10			3,6	3,4,5	6		3131
5-methyl-2-pyrrolicarbaldehyde	9,17	90		MP	66-72						10							3059
2-methyl-3-tetrahydrofuranthiol	2	95	sum of isomers				1.473-1.491	20	1.041-1.057	20	-			1	1	1		902
4-methyl-5-thiazoleethanol	2	97					1.540-1.551	20	1.195-1.216	20	-			2,3,6	3,4,5	1,3,6		26
4-methyl-5-thiazoleethanol acetate	1	98					1.506-1.512	20	1.166-1.172	20	1			4,5	1,6	3,3		
4-methyl-5-thiazoleethanol butyrate	1	98					1.496-1.510	20	1.106-1.112	20	1			3	3	1,3		111
4-methyl-5-thiazoleethanol decanoate	1	98					1.486-1.492	20	1.012-1.018	20	1					1,4,5		204
4-methyl-5-thiazoleethanol formate	1	95					1.518-1.524	20	1.215-1.221	20	2			3	1,3	1,3		608
4-methyl-5-thiazoleethanol hexanoate	1	98					1.491-1.497	20	1.065-1.071	20	1			3	3	1,3		501
4-methyl-5-thiazoleethanol isobutyrate	1	98					1.494-1.500	20	1.102-1.108	20	1			2		1		197
4-methyl-5-thiazoleethanol octanoate	1	98					1.488-1.494	20	1.036-1.042	20	1			3	3	1,3		78
4-methyl-5-thiazoleethanol propionate	1	98					1.502-1.506	20	1.136-1.140	20	1			3	3	1,3		349
2-methyl-2-thiazoline	2	98					1.515-1.525	20	1.070-1.080	20	-			3,5	3,4,5	3		2422
5-methyl-2-thiophenecarboxaldehyde	1	98					1.579-1.585	20	1.156-1.167	20	10			3,5	3,4,5	1,3,6		988
3-methyl-1,2,4-trithiane	2	98					1.614-1.620	20	1.277-1.283	20	-			1,4				2492
methyl (methylthio)acetate	1	95					1.461-1.467	25	1.104-1.110	25	1			1,6	1,4,5	1,6		1209
methyl 10-undecenoate	3	98					1.436-1.442	20	0.885-0.891	20	1			3	1,3,4,5			2077
methyl 2-ethylbutyrate	1	98	化学法				1.399-1.405	20	0.878-0.884	20	1			4,5				1986

表示名	判断番号	含量 (%)	测定法	含量備考	融点区分*	融点又は凝固点(°C)	屈折率	屈折温度	比重	比重温度	融価	旋光度又は比旋光度	重金属(μg/g)	確認試験*			使用量單位	
														IR	MS	NMR		
methyl 2-furoate	1	98					1.485-1.491	20	1.179-1.185	20	1			1.2,3,5, 6	3,4,5	3(C,H), 6	313	
methyl 2-hexenoate	3	97		sum of isomers			1.430-1.439	20	0.902-0.932	20	1				4.5		1	1317
methyl 2-methoxybenzoate	1	98					1.525-1.545	20	1.151-1.164	20	2			1,3,5,6	4,5	3,6	1	1161
methyl 2-methyl-3-furyl disulfide	2	97					1.554-1.566	20	1.159-1.180	20	-			1	4		1	1130
methyl 2-methyl-3-furyl sulfide	2	95					1.504-1.514	20	1.060-1.070	20	-						1	2749
methyl 2-methylbutyrate	1	98					1.392-1.398	20	0.883-0.889	20	1			1,6	4,5	6	6	56
methyl 2-methylpentanoate	1	98					1.400-1.406	20	0.877-0.883	20	1			1,3	4,5	3	3	527
methyl 2-(methylthio)butyrate	1	98					1.454-1.461	20	1.025-1.034	20	1				4,5			1140
methyl 2-nonenoate	3	95					1.441-1.447	20	0.894-0.900	20	1			3,5,6	3,4,5	1,3,6	1	790
methyl 2-nonynoate	3	97					1.445-1.451	20	0.914-0.920	20	1							984
methyl 2-octynoate	3	95					1.442-1.452	20	0.917-0.929	20	1			1,2,3,5	3,4,5	3(C,H), 6		474
methyl 2-thiofuroate	1	98					1.566-1.574	20	1.222-1.232	20	1			6	4,5	1,6		1523
methyl 3-acetoxyhexanoate	1	97					1.419-1.425	20	1.018-1.024	20	1			3	3,4			310
methyl 3-(furfurylthio)propionate	1	98					1.509-1.519	20	1.160-1.180	20	1			3				3018
methyl 3-hexenoate	3	98					1.422-1.428	20	0.912-0.922	20	1			1	4,5			1694
methyl 3-hydroxybutyrate	1	98					1.417-1.425	20	1.053-1.061	20	1			1	4,5			1473
methyl 3-hydroxyhexanoate	1	95					1.426-1.436	20	1.000-1.010	20	1			1	4,5	6		258
methyl 3-(methylthio)propionate	1	98					1.463-1.469	20	1.073-1.079	20	1			1,2,3	3,4,5	3,6		156
methyl 3-nonenoate	3	95					1.432-1.442	20	0.890-0.900	20	1			1,6	4,5	6		520
methyl 3-oxohexanoate	1	98					1.425-1.431	20	1.012-1.018	20	1			3	3,4,5			1232
methyl 4-tert-butylphenylacetate	1	95			CP	30-34	1.495-1.505	20	0.994-1.004	20	1		10	3,6	3,4,5	3,6		1300
methyl 4-methylbenzoate	9,17	99					1.400-1.408	20	0.878-0.886	20	1			1	4,5			868
methyl 4-methylpentanoate	1	97					1.412-1.418	20	0.882-0.890	25	-			3	1,3,4,5			1524
methyl 4-pentenoate	3	95					1.497-1.503	20	1.015-1.028	25	1			5	4,5	1		3236
methyl 4-phenylbutyrate	1	97					1.513-1.523	20	1.055-1.071	20	-				4,5	1		1431
methyl 5-methyl-2-furyl sulfide	2	95																
methyl acetate	1	98					1.359-1.365	20	0.925-0.940	20	1			1,2,3,5, 6	3,4,5	3,6		64
methyl anisate	9,17	97			MP	46-52					1		10	1,3	3,4,5	3,6		1363
methyl benzoate	1	98					1.513-1.519	20	1.087-1.093	20	1			1,2,3	3,4,5	3,6		157
methyl beta-methyl-beta-phenylglycidate	1	98	化学法				1.509-1.517	20	1.122-1.130	20	1			3	3	3		517
methyl beta-naphthyl ether	10,18	98			MP	70-75					-		10		4,5	1		473
methyl beta-phenylglycidate	1	97	化学法				1.522-1.536	20	1.165-1.175	20	1				4,5			523
methyl butanethioate	1	97					1.457-1.467	20	0.960-0.975	20	1			1,2,3,6	3,4,5	6		206
methyl butyrate	1	98					1.384-1.390	20	0.896-0.902	20	1			1,2,3,6	3,4,5	3,6		36
methyl cis-3-nonenoate	3	99					1.433-1.439	20	0.890-0.896	20	1			1,6		6		3115
methyl cis-5-octenoate	3	96					1.429-1.439	20	0.898-0.908	20	1			1	1	1		3116
methyl crotonate	3	95					1.418-1.428	20	0.942-0.952	20	1			3,6	3,4,5	3,6		975
methyl cyclohexylcarboxylate	1	98					1.439-1.447	20	0.990-0.999	25	2			1,3,5,6	3,4,5	1,3,6		3237
methyl decanoate	1	98					1.423-1.429	20	0.872-0.878	20	1			3,6	3,4,5	3(C,H), 6		477
methyl dihydrojasmonate	1	96					1.454-1.464	20	0.998-1.008	20	2			3	3,4,5	3		139
methyl epi-jasmonate	3	97		sum of isomers			1.470-1.477	20	1.022-1.033	20	2			4				2764
methyl ethanethioate	1	98					1.460-1.468	20	1.020-1.028	20	1				1,4,5	1		625
methyl ethyl ketone	1	98					1.376-1.382	20	0.803-0.810	20	-			2,3,6	3,4,5	3,6		117
methyl formate	1	95					1.341-1.346	20	0.970-0.976	20	特例 除外			3,6	3,4,5	3(C,H), 6		1116
methyl geranate	3	96					1.465-1.475	20	0.920-0.930	20	1				4,5			1663
methyl heptanoate	1	98					1.409-1.415	20	0.879-0.885	20	1			1,3,5,6	3,4,5	3,6		810
methyl hexanethioate	1	98					1.458-1.468	20	0.935-0.945	20	1				4,5	1		1157
methyl hexanoate	1	98					1.403-1.409	20	0.883-0.889	20	1			2,3,5,6	3,4,5	1,3,6		66
methyl hydroxyacetate	1	96					1.411-1.421	20	1.181-1.191	20	1			3	3,4,5	3		3109
methyl isobutyrate	1	98					1.381-1.387	20	0.888-0.894	20	1			1,2,3,5, 6	3,4,5	3,5,6		198

表示名	判断番号	含量 (%)	测定法	含量備考	融点区分 ¹⁾	融点又は凝固点(°C)	屈折率	屈折温度	比重	比重温度	酸価	旋光度又は比旋光度	重金属(μg/g)	確認試験 ²⁾			使用量單位
														IR	MS	NMR	
methyl isopentamethionate	1	99					1.453-1.463	20	0.937-0.949	20	1			1	1.4,5	1	2188
methyl isothiocyanate	10,18	99		MP	30-34								10	5,6	1.3,4,5	3,6	2189
methyl isovalerate	1	98					1.390-1.396	20	0.878-0.884	20	1			1,2,3	3,4,5	3	200
methyl jasmonate	3	95					1.470-1.477	20	1.022-1.033	20	2			6	4	1,6	281
methyl lactate	1	97					1.410-1.420	20	1.090-1.100	20	1						
methyl laurate	1	95					1.427-1.437	20	0.865-0.875	20	1			3,5	3,4,5	3(C)	1087
methyl levulinate	1	98					1.419-1.425	20	1.049-1.055	20	1			1,3,6	3,4,5	6	335
methyl linoleate	3	98	化学法				1.453-1.463	20	0.879-0.889	20	1			1,3,5	3,4,5	3,6	799
methyl myristate	1	98					1.434-1.440	20	0.865-0.872	20	1			1,3,6	3,4,5	3,6	372
methyl N-acetylthranilate	9,17	95		MP	96-103						1		10	4,5	1	405	
methyl N-formylthranilate	9,17	98	化学法	MP	51-55						1		10	4,5	1	987	
methyl N,N-dimethylthranilate	1	98					1.552-1.562	20	1.093-1.103	20	1			3	3,4,5	1,3	613
alpha-methyl naphthyl ketone	2	95					1.623-1.633	20	1.114-1.124	20	-			3,5	3,4,5	3,6	460
methyl nicotinate	9,17	98		MP	38-43						1			3,5	3,4,5	1,3	2078
methyl nonanoate	1	97					1.419-1.425	20	0.873-0.879	20	1			1,3,6	3,4,5	3,6	611
methyl octanoate	1	98					1.414-1.420	20	0.876-0.886	20	1			3,5,6	3,4,5	3,6	436
methyl octyl sulfide	2	95					1.450-1.460	20	0.842-0.852	20	1			3	3,4,5	3	676
methyl oleate	3	98-104	化学法				1.446-1.456	20	0.871-0.881	20	1			3,6	3,4,5	3,6	226
methyl palmitate	9,17	96		CP	26-29						1		10	3,5,6	3,4,5	3	402
methyl pentadecanoate	1	97					1.435-1.441	20	0.864-0.870	20	3			3,5,6	3,4,5	3	2292
methyl phenethyl ether	2	98					1.494-1.508	20	0.949-0.960	20	-			3	3,4,5	1,3	609
methyl phenyl disulfide	2	95					1.613-1.623	20	1.146-1.166	20	-			1,5			
methyl phenylacetate	1	98					1.504-1.510	20	1.066-1.072	20	1			1,2,3,6	3,4,5	3,6	145
methyl propionate	1	98					1.375-1.381	20	0.913-0.919	20	1			1,3	3,4,5	3,6	179
methyl stearate	9,17	95		MP	36-42						1		10	3,5,6	3,4,5	3	968
methyl thymol ether	2	98					1.503-1.509	20	0.934-0.940	20	-			4,5	1	1382	
methyl trans-2-hexenoate	3	98					1.430-1.439	20	0.914-0.921	20	1			4,5	1	277	
methyl trans-3-nonenolate	3	97					1.432-1.439	20	0.887-0.893	25	1			3	3		3066
methyl trans,cis-2,4-decadienoate	3	97		sum of isomers			1.480-1.500	20	0.910-0.930	20	1			1	4,5	1	2772
methyl valerate	1	98					1.395-1.401	20	0.888-0.894	20	1			1,2,3,6	3,4,5	6	478
methyl vanillate	9,17	99		MP	63-67						特別除外		10	3,5	3,4,5	3,6	2294
2-methylbenzaldehyde	1	95					1.540-1.550	20	1.034-1.044	20	10			1,3,6	3,4,5	3	2106
4-methylbenzaldehyde	1	95					1.541-1.551	20	1.013-1.023	20	10			1	4,5		251
4-methylbenzaldehyde propylene glycol acetal	1	95					1.505-1.515	20	1.041-1.051	20	1			3	3	3	544
2-methylbenzenethiol	2	95					1.573-1.583	20	1.052-1.062	20	-			1,3,5,6	3,4,5	6	1507
2-methylbenzyl acetate	1	98					1.497-1.505	20	1.027-1.037	20	1			1,5	4,5		1539
4-methylbenzyl acetate	1	98		sum of o.m.p			1.497-1.506	20	1.028-1.040	20	1			1(mix とし),	3,4,5	3	483
4-methylbenzyl alcohol	10,18	98											10	3,6	3,4,5	3,6	1272
4-methylbutyl butyrate	1	98		MP	55-63		1.489-1.495	20	0.992-0.998	20	1			3	3	3	1775
2-methylbutanal diethyl acetal	1	98					1.400-1.406	20	0.831-0.837	20	1			3	3,4,5	3	1583
2-methylbutyl 2-methylbutyrate	1	95					1.408-1.418	20	0.856-0.867	20	1			1,3,6	4,5	6	348
2-methylbutyl acetate	1	97					1.398-1.404	20	0.873-0.879	20	1			1,3	3,4,5	3,6	15
2-methylbutyl butyrate	1	95					1.407-1.417	20	0.864-0.874	20	1				4,5		597
2-methylbutyl hexanoate	1	98					1.418-1.424	20	0.862-0.868	20	1				4,5		1022
2-methylbutyl isobutyrate	1	98					1.404-1.412	20	0.857-0.865	20	1				4,5		1211
2-methylbutyl isovalerate	1	98					1.410-1.419	20	0.856-0.864	20	1			1,2	4,5	6	653
2-methylbutyl propionate	1	98					1.404-1.410	20	0.871-0.877	20	1			1,2	4,5		789
2-methylbutyric acid	2	98					1.403-1.409	20	0.935-0.941	20	-			1,2,3,6	3,4,5	3,6	19
alpha-methylcinnamaldehyde	3	95					1.597-1.607	20	1.034-1.044	20	5			1,2,3,6	3,4,5	3(C,H),	1117
3-methylcyclohexanone	2	97					1.440-1.450	20	0.910-0.920	20	-			1,3,5,6	1,3,4,5	1,3,6	808
3-methylcyclohexyl acetate	1	95		sum of isomers			1.435-1.441	20	0.941-0.951	20	1			3	3		3081

表示名	判断機 番号	含量 (%)	測定法	含量備考	融点 区分 ¹⁾	融点又は 凝固点(°C)	屈折率	屈折 温度	比重	比重 温度	旋光度又は 比旋光度	重金屬 (μg/g)	確認試験 ²⁾			使用量 單位
													IR	MS	NMR	
4-methyldecane-4-olide	1	95					1.441-1.455	20	0.940-0.950	20	3		1.3	3,4	6	677
3-(3,4-methylenedioxyphenyl)-2-methylpropanal	1	96					1.529-1.539	20	1.158-1.170	20	5		6	4,5		415
2-methylfuran	2	95					1.430-1.440	20	0.912-0.922	20	-		1.3,5,6	1,3,4,5	1,3,6	283
5-methylfurfural	1	97					1.524-1.534	20	1.105-1.111	20	5		1,2,3,5,	3,4,5	3,6	94
2-methylheptanoic acid	2	97					1.422-1.428	20	0.900-0.910	20	-		6	4,5	1,6	982
2-methylhexanoic acid	2	98					1.416-1.423	20	0.912-0.918	20	-		3	3,4,5	3,6	919
alpha-methylionone	4	90					1.495-1.505	20	0.927-0.937	20	-		1	4,5		1021
gamma-methylionone	4	90		sum of isomers			1.496-1.506	20	0.926-0.936	20	-		1	4		850
methylionone	4	90	化学法				1.494-1.506	20	0.924-0.942	20	-		1,3	3,4	3	308
3-methylnonane-2,4-dione	2	97					1.442-1.452	20	0.917-0.927	20	-		1,6	4		1051
4-methylnonanoic acid	2	98					1.433-1.440	20	0.900-0.908	20	-		1,6	4,5	6	2528
3-methyloctan-4-olide	1	96		sum of isomers			1.438-1.448	20	0.945-0.975	20	3		1,6	4,5	6	1204
4-methyloctanoic acid	2	97					1.430-1.438	20	0.904-0.916	20	-		1,5,6	4,5	6	1425
2-methylpentanal	1	97					1.398-1.404	20	0.805-0.820	20	10		1	4,5		444
2-methylpentanoic acid	2	95					1.411-1.417	20	0.921-0.931	20	-		1,2,3,6	3,4,5	6	425
3-methylpentanoic acid	2	98					1.412-1.418	20	0.925-0.931	20	-		1,3,5,6	3,4,5	3,6	1494
4-methylpentanoic acid	2	95					1.410-1.420	20	0.920-0.930	20	-		1,2,3,5,	4,5	6	427
2-methylpentanol	2	99	化学法				1.413-1.423	20	0.819-0.829	25	-		3,5,6	3,4,5	3,6	2084
3-methylpentanol	2	98					1.416-1.422	20	0.824-0.830	20	-		1,3,5,6	3,4,5	3,6	2166
2-methylphenol	10,18	98		MP	29-33							10	1,3,6	3,4,5	3,6	1017
3-methylphenol	2	98					1.537-1.543	20	1.032-1.038	20	-		1,3,5,6	3,4,5	3,6	1594
4-methylphenol	10,18	97		MP	31-37							10	1,3,6	3,4,5	3	709
4-methylphenyl acetate	1	98					1.496-1.506	20	1.046-1.054	20	1		1,2,3,6	3,4,5	3,6	711
4-methylphenyl butyrate	1	98					1.488-1.494	20	1.002-1.008	20	1		3	3,4,5	3	1600
4-methylphenyl isobutyrate	1	98					1.484-1.490	20	0.993-0.999	20	1		1,2,3,5,	4,5	3,6	1131
4-methylphenyl octanoate	1	97					1.482-1.488	20	0.956-0.962	20	1		3	1,3,4,5		1305
4-methylphenyl phenylacetate	9,17	98		MP	73-78							10	1,3,6	3,4,5	3,6	837
2-(4-methylphenyl)propanal	1	95	化学法				1.509-1.519	20	0.979-0.989	20	5		5	5	1	1466
2-methylpropanethiol	2	92					1.434-1.444	20	0.831-0.841	20	-		1,3,5,6	3,4,5	3,6	3157
2-methyltetrahydrofuran-3-one	2	97					1.426-1.432	20	1.040-1.050	20	-		3	3,4,5	1,3(C, H)	323
2-methyltetrahydrothiophen-3-one	2	97					1.505-1.512	20	1.118-1.128	20	-		1,6	3,4,5	6	1422
4-(methylthio)-2-butanone	2	97					1.470-1.476	20	1.001-1.009	20	-		6	1,5	6	2046
4-(methylthio)-4-methyl-2-pentanone	2	97					1.470-1.481	20	0.958-0.970	20	-		1			2073
3-(methylthio)butanal	1	96					1.471-1.481	20	0.998-1.008	20	10		1	4,5		546
2-(methylthio)ethanol	2	98					1.490-1.496	20	1.059-1.065	20	-		1,3,6	1,3,4,5	1,3,6	794
3-(methylthio)hexanal	1	99					1.476-1.484	20	0.966-0.972	20	10		1	4	1	3077
3-(methylthio)hexanol	2	98					1.476-1.489	20	0.964-0.974	20	-		1,6	4	1,6	954
3-(methylthio)hexyl acetate	1	99					1.459-1.469	20	0.982-0.989	20	1		1	4,5		2238
6-(methylthio)hexyl isothiocyanate	2	98					1.534-1.540	20	1.035-1.041	20	-		3	1,3	3	578
5-(methylthio)pentyl isothiocyanate	2	96					1.542-1.548	20	1.055-1.061	20	-		1			2537
2-(methylthio)phenol	2	99					1.587-1.596	20	1.154-1.165	20	-		1,5	4,5		2148
3-(methylthio)propionic acid	2	97					1.478-1.498	20	0.99-0.995	20	-		1	4		1302
3-(methylthio)propyl acetate	1	98					1.461-1.467	20	1.036-1.044	20	1		1	4		571
3-(methylthio)propyl isothiocyanate	2	90					1.556-1.566	20	1.106-1.116	20	-		3,5,6	3,4,5,6	1,3,6	445
3-(methylthio)propylamine	2	98					1.489-1.495	20	0.958-0.964	20	-		3	3,4,5	3	628
2-methylthiophene	2	95					1.515-1.525	20	1.015-1.025	20	-		3	3,4,5	3	1360
3-methylthiophene	2	98					1.516-1.522	20	1.018-1.024	20	-		3,6	3,4,5	3,6	1221
2-methylundecanal	1	94					1.428-1.438	20	0.823-0.833	20	10		1,2,5,6	4,5	6	541
mono-methyl succinate	9,17	98		MP	60-66						特例	10	1			3001
myrcenyl acetate	3	95					1.453-1.463	20	0.903-0.913	25	1			4		2296

表示名	判断機番号	含量 (%)	測定法	合量備考	融点区分 ⁴⁾	融点又は凝固点(°C)	屈折率	屈折温度	比重	比重温度	融価	旋光度又は比旋光度	重金属(μg/g)	確認試験 ²⁾			使用量 單位
														IR	MS	NMR	
myristic acid	12,20	98	化学法	CP	51-60		1.499-1.509	20	0.984-0.994	20	10	1.3,5,6	3,4,5	3,6	63		
myrtenal	3	93					1.490-1.500	20	0.976-0.986	20		1,3	3,4,5	1,3(C, H)	770		
myrtenol	4	93					1.465-1.480	20	0.988-1.007	20	1	1	1,4	1	889		
myrtenyl acetate	3	95					1.484-1.490	20	0.895-0.891	20	5	3,5,6	1,3,4,5	3,6	2437		
2-naphthalenethiol	10,18	95			77-83		1.470-1.480	20	0.874-0.884	20	-	1,3	3,4,5	3	3011		
neohesperidine dihydrochalcone	10,18	96	HPLC	MP	77-83 特例除外		1.470-1.480	20	0.900-0.910	20	-	1,2,3	3,4,5	3,6	185		
nerol	4	90		sum of 2 isomers			1.470-1.488	20	0.871-0.881	20	-	1	1,4,5	1	1533		
nerol oxide	4	95					1.464-1.474	20	0.898-0.908	20	1	2,3,6	3,4,5	1,6	106		
nerolidol	4	97	化学法				1.456-1.466	20	0.908-0.918	20	1	1,2,3	3,4,5	3,6	1318		
nerolidyl acetate	3	90					1.457-1.463	20	0.898-0.904	20	1	1	4	4	148		
neryl acetate	3	98					1.475-1.481	20	0.918-0.924	20	1	3	3	3	616		
neryl butyrate	3	98					1.475-1.481	20	0.917-0.935	20	1	1	3	3	518		
neryl crotonate	3	90	化学法				1.458-1.468	20	0.894-0.904	20	1	1	4	4	867		
neryl formate	3	95					1.453-1.463	20	0.892-0.902	20	1	1	4	4	579		
neryl isobutyrate	3	92		sum of isomers			1.452-1.462	20	0.892-0.902	20	1	1	4	4	1253		
neryl isovalerate	3	98	化学法				1.508-1.514	20	0.979-0.985	20	1	1	4	4	1457		
neryl phenylacetate	3	98					1.457-1.463	20	0.905-0.911	20	1	1	4,5	4,5	766		
neryl propionate	3	98					1.529-1.536	20	1.080-1.088	20	-	3	3,4,5	1,3(C のみ)	1206		
N-furfurylpyrrole	2	98															
2,4-nonadienal	3	90					1.516-1.526	20	0.869-0.879	20	5	1	4,5	4,5	1113		
2,6-nonadienal	3	95		sum of isomers			1.468-1.478	20	0.860-0.875	20	5	1,2,6	4,5	6	946		
trans,cis-2,6-nonadienal	3	95					1.468-1.478	20	0.860-0.890	20	2	1,2,6	4,5	6	775		
trans,trans-2,6-nonadienal	3	90					1.467-1.477	20	0.860-0.875	20	10	6	4,5	1	2194		
trans,cis-2,6-nonadienal diethyl acetal	3	90		sum of isomers			1.440-1.450	20	0.859-0.869	25	1	1	4,5	4,5	2813		
2,6-nonadienol	4	95					1.461-1.471	20	0.863-0.883	20	-	1,2	4,5	4,5	918		
3,6-nonadienol	4	95					1.462-1.473	20	0.865-0.876	20	-	1,3	3	3	385		
cis,cis-3,6-nonadienol	4	95					1.463-1.473	20	0.866-0.876	20	-	1,3	3	1,3	429		
trans,cis-2,6-nonadienol	4	95					1.461-1.471	20	0.863-0.873	20	-	3,6	3,4,5	3	1246		
delta-nonalactone	1	97					1.454-1.460	20	0.985-0.991	20	5	1,2,3,6	3,4,5	1,6	176		
nonanal	1	95					1.418-1.428	20	0.819-0.831	20	10	1,2,3,5,6	3,4,5	3,6	131		
nonanal diethyl acetal	1	98					1.418-1.424	20	0.835-0.841	20	1	3	4,5	3	482		
nonanal dimethyl acetal	1	98					1.418-1.424	20	0.847-0.853	20	1	1,4,5	1,4,5	593			
nonanal propyleneglycol acetal	1	98		sum of isomers			1.430-1.436	20	0.884-0.889	20	1	1,3	1,3	1	907		
1,3-nonanediol acetate	1	90					1.436-1.446	20	0.968-0.978	20	1	1	1,3	1,3	1322		
1,9-nonanedithiol	2	95					1.496-1.506	20	0.952-0.962	20	-	1,5,6	4,5	1,6	2203		
nonanoic acid	2	97					1.428-1.435	20	0.903-0.910	20	-	1,3,5,6	3,4,5	3(C,H), 6	304		
2-nonanol	2	97					1.425-1.435	20	0.821-0.831	20	-	1,3,6	3,4,5	3,6	635		
3-nonanol	2	99					1.426-1.436	20	0.821-0.831	20	-	3,5	3,4,5	3	820		
nonanol	2	95					1.429-1.439	20	0.824-0.834	20	-	1,2,3,5,6	3,4,5	3(C,H), 6	472		
2-nonanone	2	97					1.418-1.424	20	0.821-0.827	20	-	1,2,3	3,4,5	3	159		
3-nonanone	2	95					1.416-1.426	20	0.821-0.831	20	-	1,3,5,6	3,4,5	3,6	2167		
1-nonen-3-ol	4	95					1.435-1.445	20	0.835-0.845	20	-	3,5	3,4,5	3	2147		
3-nonen-2-one	4	95					1.443-1.453	20	0.842-0.854	20	-	1	1,4,5	1,6	2168		
2-nonenal	3	92					1.450-1.460	20	0.840-0.870	20	10	1,6	4,5	6	2161		
cis-6-nonenal	3	90		sum of isomers			1.436-1.460	20	0.842-0.857	20	5	1,6	1,4,5	1,6	826		
trans-2-nonenal	3	93		sum of isomers			1.448-1.458	20	0.842-0.852	20	10	1,2,3,6	3,4,5	3,6	813		
1-nonene	4	90					1.413-1.423	20	0.728-0.738	20	-	3,5,6	3,4,5	3,6	2349		
trans-2-nonenic acid	4	98	化学法	sum of isomers			1.453-1.463	20	0.927-0.937	20	-	1	1	1	1687		
2-nonenoal	4	97					1.441-1.453	20	0.835-0.855	20	-	1,5	4,5	4,5	1142		

表示名	判断機番号	含量 (%)	測定法	含量備考	融点区分 ¹⁾	融点又は凝固点(°C)	屈折率	屈折温度	比重	比重温度	酸価	旋光度又は比旋光度	重金属(μg/g)	確認試験 ²⁾			使用量単位	
														IR	MS	NMR		
6-nonenol	4	94					1.444-1.454	20	0.844-0.854	20	-			1(2),2(Z),	3,4,5	3	488	
cis-2-nonenol	4	98					1.447-1.453	20	0.845-0.855	20	-			3,5	3,4,5	1,3	2622	
cis-3-nonenol	4	93					1.443-1.453	20	0.840-0.850	20	-			6	4,5		1030	
cis-6-nonenol	4	94					1.444-1.454	20	0.844-0.854	20	-			1,2,3,5,	4,5	3	347	
trans-2-nonenol	4	95					1.442-1.452	20	0.835-0.845	20	-			1,2,5	4,5		1503	
cis-6-nonenyl acetate	3	93					1.432-1.442	20	0.885-0.895	20	1			3	3,4,5	3(C)	1120	
nonyl acetate	1	97			MP	33-39	1.421-1.427	20	0.866-0.872	20	1			1,2,3,5	4,5	3	540	
delta-octadecalactone	9,17	95									10						1570	
cis-9-octadecenyl acetate	3	92					1.448-1.453	20	0.868-0.874	20	1			1,3	1,3	1	396	
2,4-octadinal	3	95					1.520-1.530	20	0.874-0.884	20	5			6	4		1491	
octahydro-2H-1-benzopyran-2-one	2	98					1.487-1.495	20	1.089-1.099	20	-				4		93	
delta-octalactone	1	97					1.451-1.459	20	0.998-1.008	20	5			2,3	3,4,5	3(13Cのみ)	242	
gamma-octalactone	1	95					1.439-1.449	20	0.978-0.988	20	3			1,2,3,6	3,4,5	3,6	108	
octanal diethyl acetal	1	98					1.414-1.420	20	0.834-0.840	20	1			4,5			302	
octanal dimethyl acetal	1	95					1.412-1.422	20	0.845-0.855	20	3			1,3	3,4,5	3	366	
octanal propylene glycol acetal	1	97					1.427-1.434	20	0.886-0.893	20	1			1	1,4,5	1	545	
4,5-octanedione	2	95					1.414-1.424	20	0.908-0.918	20	-			3	3,4,5	3	664	
1,8-octanedithiol	2	98					1.501-1.507	20	0.966-0.977	20	-			4	4	6	2340	
octanoic acid	2	98					1.425-1.431	20	0.908-0.914	20	-			1,3,6	3,4,5	3,6	45	
2-octanol	2	95					1.421-1.431	20	0.815-0.825	20	-			1,3	3,4,5	3,6	1054	
3-octanol	2	95					1.422-1.432	20	0.821-0.831	20	-			5,6	4,5	6	209	
octanol	2	98					1.426-1.432	20	0.823-0.829	20	-			1,2,3,5,	3,4,5	3,6	91	
2-octanone	2	95					1.410-1.420	20	0.815-0.825	20	-			6	1,2,3,5,	3,4,5	3,6	352
3-octanone	2	98					1.412-1.418	20	0.817-0.824	20	-			1,3,6	3,4,5	3,6	765	
1-octen-3-ol	4	97					1.434-1.440	20	0.834-0.842	20	-			2,3,5,6	3,4,5	1,3,6	217	
1-octen-3-one	4	96					1.430-1.440	20	0.840-0.853	20	-			1	4,5	1	1254	
2-octen-4-one	4	90					1.439-1.449	20	0.844-0.864	20	-			1	4,5	1	998	
3-octen-2-one	4	96					1.442-1.452	20	0.843-0.853	20	-			3	3,4,5	1,3	2169	
1-octen-3-yl acetate	3	95					1.418-1.428	20	0.873-0.883	20	1			2	4	1	1126	
2-octenal	3	95					1.447-1.457	20	0.844-0.854	20	10			1	4		2125	
cis-5-octenal	3	98					1.436-1.442	20	0.845-0.853	20	3			1			2631	
trans-2-octenal	3	95					1.443-1.463	20	0.835-0.862	20	10			3	3,4,5	3,6	890	
trans-4-octenoic acid	4	95					1.438-1.448	20	0.922-0.932	25	-			1	1		1445	
2-octenol	4	95					1.441-1.452	20	0.840-0.850	20	-			5	4,5		2230	
3-octenol	4	95					1.440-1.450	20	0.840-0.854	20	-			5	4,5		2498	
cis-3-octenol	4	92					1.440-1.450	20	0.844-0.854	20	-			1,5	4,5		2133	
cis-4-octenol	4	99					1.444-1.450	20	0.844-0.851	25	-			1	1		2629	
cis-5-octenol	4	90					1.443-1.453	20	0.840-0.860	20	-			1	4,5		1315	
trans-2-octenol	4	97					1.441-1.449	20	0.839-0.846	25	-			2	1,4,5	1	1128	
2-octenyl acetate	3	97					1.431-1.437	20	0.885-0.891	20	1			1	1,4	1	2231	
trans-2-octenyl butyrate	3	94					1.433-1.443	20	0.873-0.883	20	1			1	1	1	2039	
octyl 2-methylbutyrate	1	95					1.419-1.429	20	0.855-0.865	20	2			1	4,5		1383	
octyl 4-methylpentanoate	1	98					1.424-1.434	20	0.855-0.865	20	1			3	3	3	1416	
3-octyl acetate	1	95					1.409-1.419	20	0.856-0.871	20	2			1	4,5		479	
octyl acetate	1	98					1.417-1.423	20	0.867-0.873	20	1			1,2,3,5,	3,4,5	6	163	
3-octyl butyrate	1	98					1.420-1.425	20	0.858-0.863	20	1			3	3	3	970	
octyl butyrate	1	98					1.421-1.427	20	0.861-0.867	20	1			1,3	3,4,5	3,6	1011	
octyl decanoate	1	98					1.436-1.442	20	0.857-0.863	20	1			4,5			1319	
octyl formate	1	97					1.415-1.422	20	0.872-0.880	20	1			1,2	4,5		882	
octyl hexanoate	1	98					1.428-1.434	20	0.859-0.865	20	1			4,5			1320	