

表示名	判別樹 番号	含量(%)(GC)	含量(%)(GC以外、此分損)	融点 区分 ¹⁾	融点又は 凝固点(°C)	屈折率	屈折率 温度	比重	比重 温度	融点	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-(ethoxymethyl)phenol	10,18	98		MP	56-60							10			4.5	1364	
2-ethoxy-3-methylpyrazine	2	98				1.491-1.497	20	1.030-1.040	20					1	4.5	6	1280
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			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
3-ethyl-2-hydroxy-2-cyclopentene-1-one	12,20	97		MP	37-43							10		1,6	4,5	6	371
5-ethyl-3-hydroxy-4-methyl-2(5H)-furanone	2	90				1.485-1.495	20	1.137-1.147	20					1,2,6	4,5	6	702
5-ethyl-4-hydroxy-2-methyl-3(2H)-furanone	4	95				1.507-1.517	20	1.134-1.146	20					1	4	1	99
ethyl 3-(furfurylthio)propionate	1	98				1.500-1.509	20	1.125-1.133	20	1				1	4,5	1	594
ethyl 2-(methylthio)propionate	1	98				1.497-1.503	20	1.117-1.123	20	1				1,3	3,4,5	3	2662
ethyl (methylthio)acetate	1	95				1.454-1.465	20	1.051-1.071	20	1				1,2	4,5		690
ethyl 3-(methylthio)propionate	1	98				1.457-1.463	20	1.035-1.041	20	1				1,6	4,5	6	344
ethyl 10-undecenoate	3	97				1.435-1.442	20	0.876-0.882	20	1					4,5		695
ethyl acetoacetate ethylene glycol acetal	1	98				1.429-1.435	20	1.083-1.091	20	1					4,5		577
ethyl acetoacetate propylene glycol acetal	1	95				1.422-1.432	20	1.042-1.052	20	2				1			182
ethyl 3-acetoxybutyrate	1	97												3	3,4,5	3	1180
ethyl 3-acetoxyhexanoate	1	95				1.410-1.420	20	1.025-1.035	20	1					4		880
ethyl 3-acetoxy-2-methylbutyrate	1	95				1.418-1.428	20	0.992-1.006	20	1				1	1	1	3225
ethyl 5-acetoxycanoate	9,17	98		MP	32-36	1.417-1.420	20	1.003-1.013	20	1			10		4,5		955
ethyl 2-acetylhexanoate	1	90				1.427-1.433	20	0.976-0.982	20	1				3	3,4,5	3	1693
ethyl acrylate	3	95				1.402-1.412	20	0.918-0.928	20	5				1,2,3,5	3,4,5	3,6	1380
ethyl alpha-acetylcinnamate	3	98				1.555-1.561	20	1.098-1.104	20	1					4,5		920
ethyl alpha-ethyl-beta-methyl-beta-phenylglycidate	9,17	95		CP	37-42							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 anthramilate	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			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 2,4-decadienoate	3	98				1.476-1.491	20	0.898-0.906	20	1					5		1099
ethyl 4-decenoate	3	95				1.432-1.442	20	0.875-0.885	20	1				3	3,4,5	3	2076
ethyl trans-2-decenoate	3	95				1.440-1.450	20	0.880-0.890	20	1				1	1,4,5	1	222

表示名	判斷樹 番号	含量(%)(GC)	含量(%)(GC以外・部分增價)	融点 区分 ^{*)}	融点又は 凝固点(°C)	屈折率	屈折率 温度	比重	比重 温度	融係	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	
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 ethanethioate	1	95				1.440-1.461	20	0.970-0.985	25	1			3.6	3.4,5	1.6	1136
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 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 2-furoate	9,17	98		CP	32-38					1		10	3.5,6	3.4,5	3.6	912
ethyl trans-3-hexenoate	3	96				1.421-1.431	20	0.893-0.903	20	1			1	4.5		793
ethyl 5-hexenoate	3	96				1.417-1.427	20	0.894-0.904	20	5			1	1.4	1	2119
ethyl 2-hexenoate	3	96				1.430-1.440	20	0.895-0.905	20	1				4.5(trans e)		1042
ethyl trans-2-hexenoate	3	98				1.430-1.438	20	0.898-0.905	20	1			1.5	4.5	1	351
ethyl 3-hexenoate	3	96				1.415-1.431	20	0.880-0.910	20	1			1	4.5		682
ethyl 3-hydroxybutyrate	1	98		異性体合算		1.418-1.424	20	1.011-1.017	20	1			3	1.3,4,5	3.6	189
ethyl 2-hydroxyethyl sulfide	2	98				1.483-1.489	20	1.017-1.023	20	-			3	3.4,5		2045
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				4		1198
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 levulinate	1	98				1.419-1.425	20	1.012-1.018	20	1			1.2,3,6	3.4,5	3.6	25
ethyl levulinolone	1	98				1.427-1.434	20	1.027-1.035	20	1				4.5		236
ethyl linallyl ether	4	96				1.441-1.451	20	0.827-0.839	20	-				4.5		1224
ethyl linoleate	3	98				1.451-1.461	20	0.872-0.882	20	1			3.6	3.4,5	6	260
ethyl malol	12,20	98		MP	89-93					-		10	3.6	3.4,5	1.3,6	2
ethyl malol butyrate	1	98				1.494-1.500	20	1.125-1.131	20	1			3	3	3	499
ethyl malol 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	1.098-1.103	20	1			3.5,6	3.4,5	3.6	2688
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 methoxyacetate	1	95				1.395-1.405	20	0.998-1.008	20	1			3.6	3.4,5	6	3106
ethyl 2-methoxybenzoate	1	97				1.517-1.524	20	1.109-1.115	20	1				4.5		1340
ethyl 2-methyl-3(4)-pentenoate	3	95				1.415-1.425	20	0.883-0.893	20	1			3	3	3	502
ethyl 3-methyl-2-butenyl ether	4	95				1.414-1.424	20	0.795-0.805	20	-			1	1	1	2673
ethyl methyl sulfide	2	96				1.435-1.445	20	0.840-0.850	20	-			3.5	3.4,5	3	212
ethyl 2-methylbutyrate	1	95				1.495-1.501	20	1.031-1.037	20	1			3.6	3.4,5	3.6	2667
ethyl 2-methylpentanoate	1	98				1.392-1.402	20	0.864-0.874	20	2			1	4.5	6	16
ethyl 4-methylpentanoate	1	98				1.401-1.407	20	0.863-0.869	20	1			1.2,3	3.4,5	3	86
ethyl 4-methylpentanoate	1	98				1.402-1.412	20	0.865-0.875	20	1				4.5		552

表示名	精製樹 番号	含量(%) (GC)	含量(%) (GC以外-部分精製)	融点 区分 ¹⁾	融点又は 凝固点(°C)	屈折率	屈折率 温度	比重	比重 温度	融点	吸光度又は 比吸光度	重金属 (μg/g)	確認試験 ²⁾			使用量 單位	
													IR	MS	NMR		
ethyl 4-methylphenoxycetate	1	98				1.489-1.505	20	1.075-1.083	20	1					1	1638	
ethyl 2-methyl-3,4-pentadienoate	3	98				1.446-1.452	20	0.922-0.928	20	1				1		2666	
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-methyl-3-pentenoate	3	98				1.417-1.427	20	0.885-0.895	25	1				1		739	
ethyl myristate	1	98				1.434-1.440	20	0.860-0.866	20	1				1.2,3,5,6	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 trans-3-octenoate	3	95				1.427-1.437	20	0.881-0.891	20	1				4		1519	
ethyl 2-octenoate	3	97				1.439-1.445	25	0.888-0.894	20	-				1	1,4,5	1	1208
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 oleate	3	98	98			1.447-1.455	20	0.867-0.875	20	1				1.3,5,6	3,4,5	3,6	85
ethyl 3-oxohexanoate	1	98	98			1.424-1.436	20	0.963-1.000	20	1				1.3,6	1,3,4,5	1,3,6	914
ethyl palmitate	9,17	97		MP	23-28					1		10		1.3,5,6	3,4,5	3	74
ethyl 4-pentenoate	3	95				1.410-1.420	20	0.893-0.903	25	1				1.4,5		1353	
ethyl 2-pentylacetate	1	96				1.424-1.434	25	0.933-0.943	25	特別 除外				3,5	3,4,5	3	1379
ethyl 3-phenylpropionate	1	98				1.492-1.498	20	1.013-1.019	20	1				1.3	3,4,5	3,6	1334
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	1.043-1.085	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,cis-2,4-decadienoate	3	90				1.476-1.481	20	0.890-0.911	20	2				4,5	1	715	
ethyl undecanoate	1	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	特別 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
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	3,6	339
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

表示名	判断图 番号	含量(% (GC))	含量(% (GC以外成分推定))	融点 区分 ¹⁾	融点又は 凝固点(°C)	屈折率	屈折率 温度	比重	比重 温度	融係	紫外又は 比色光度	薄层試験 ²⁾			使用量 単位	
												IR	MS	NMR		
2-ethylhexyl 3-mercaptopropionate	1	98				1.458-1.464	20	0.964-0.970	20	1		3	3.4,5	3	761	
4-ethylphenol	10,18	97		MP	40-46					-			1.3,6	3.4,5	3.6	1002
2-ethylphenol	2	98				1.534-1.540	20	1.018-1.024	20	-			3.5,6	3.4,5	3.6	1389
ethylvanillin isobutyrate	9,17	98		MP	54-60					1		10	1			1643
ethylvanillin propylene glycol acetal	1	90				1.526-1.536	20	1.163-1.173	20	特例 除外			1	4		213
4-ethyl-2-methoxyphenol	2	97				1.524-1.534	20	1.058-1.070	20	-			1.2,6	4.5		455
5-ethyl-2-methoxyphenol	2	98				1.524-1.534	20	1.062-1.068	20	-			1.5,6	1.4,5	6	1467
2-ethyl-4-methylthiazole	2	98				1.498-1.510	20	1.020-1.032	20	-			1.3,6	1.3,4,5	1.3,6	1281
2-ethyl-3-methylthiopyrazine	2	98				1.578-1.584	20	1.141-1.147	20	-				4.5		1326
eugenyl acetate	11,19	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	-			1.2,3,5,6	4.5	3.6	507
l-fenchone	6	98				1.460-1.466	20	0.942-0.948	20	-	-55 to -50		5,6	4.5	6	2734
d-fenchone	6	98				1.460-1.467	20	0.940-0.948	20	-	-63 to -57		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
fenchyl acetate	1	96				1.451-1.461	20	0.966-0.976	20	1			5	4.5	1	1497
fenchyl alcohol	10,18	95		MP	35-45					-		10	1.2,3	3.4,5	3	393
formaldehyde dimethyl 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-furamethanethiol	2	95				1.526-1.536	20	1.120-1.135	20	-			2.3,6	3.4,5	1.3,6	199
furfural	1	95				1.520-1.530	20	1.155-1.165	20	3			1.2,3,5	3.4,5	3.6	61
furfural diethyl acetal	1	97				1.443-1.449	20	1.001-1.007	20	1			6	4.5	6	1455
furfural propylene glycol 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			1.6	4.5	6	1225
furfuryl ethanethioate	1	95				1.519-1.530	20	1.152-1.165	20	1			6	4.5	1.6	627
furfuryl hexanoate	1	95				1.455-1.465	20	1.011-1.021	20	1				4.5	6	621
furfuryl isovalerate	1	95				1.451-1.461	20	1.018-1.028	20	1			1.6	4.5	6	925
furfuryl methyl disulfide	2	95				1.564-1.574	20	1.178-1.188	20	-				4.5	1	963
furfuryl methyl ether	2	95				1.449-1.459	20	1.018-1.028	20	-			5	4.5	1	807
furfuryl methyl sulfide	2	95				1.517-1.527	20	1.080-1.090	20	-			3	3.4,5	1.3,6	1031
furfuryl propionate	1	98				1.458-1.464	20	1.083-1.089	20	1			1.6	4.5	6	1000
furfuryl valerate	1		98			1.457-1.463	20	1.029-1.035	20	1			1	4.5		764
1-(2-furfurylthio)-2-propanone	2	95				1.524-1.534	20	1.145-1.158	20	-			3	3	3	870
2-furoic acid	10,18	98		MP	130-134					-		10	3.5	3.4,5	3.6	2221
4-(2-furyl)-3-buten-2-one	12,20	98		MP	36-40					-		10	3.5	4.5	1	1155

表示名	判断樹 番号	含量(%)(GC)	含量(%)(GC以外-成分別)	融点 区分 ¹⁾	融点又及 凝固点(°C)	屈折率	屈折率 温度	比重	比重 温度	融解 温度	旋光度又及 比旋光度	重金属 (μg/g)	IR	薄層試験 ²⁾ MS	NMR	使用量 單位	
3-(2-furyl)-2-propanal	11,19	98		MP	49-55					3		10	3	3,4,5	1,6	2237	
2-furyl-2-propanone	2	95				1,465-1,475	20	1,053-1,063	20	-				4		1064	
gamma-butyrolactone	1	95				1,432-1,442	20	1,125-1,135	20	3			1,2,3,5,6	3,4,5	3,6	82	
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	
gamma-dodecalactone	1	96				1,447-1,457	20	0,932-0,942	20	3			1	4,5	6	77	
gamma-heptalactone	1	96				1,437-1,447	20	0,995-1,005	20	3			1,2	4,5		135	
gamma-hexalactone	1	98				1,435-1,441	20	1,024-1,030	20	3			1,2	4,5	6	127	
gamma-methylionone	4	90	異性体合算			1,496-1,506	20	0,926-0,936	20	-			1	4		850	
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	
gamma-valerolactone	1	95				1,429-1,439	20	1,051-1,061	20	3			1,2,3,6	3,4,5	3,6	327	
geraniol	3	96				1,483-1,493	20	0,880-0,894	20	5			1,2,6	4,5	3,6	2867	
geranic acid	4	90	異性体合算			1,479-1,489	20	0,952-0,962	20	-			5	1,4,5		989	
geranyl acetone	4	95	異性体合算			1,462-1,472	20	0,865-0,876	20	-				4,5	1,6	476	
geranyl butyrate	3	90	異性体合算			1,453-1,463	20	0,894-0,904	20	1			1,2,3,5	4,5	3	296	
geranyl 2-ethylbutyrate	3	90	異性体合算			1,451-1,461	20	0,883-0,893	20	1			1			3114	
geranyl hexanoate	3	97				1,458-1,464	20	0,891-0,897	20	1			1	4		1074	
geranyl isobutyrate	3	97				1,451-1,461	20	0,890-0,900	20	1			1,5	4,5		804	
geranyl isovalerate	3	97				1,455-1,462	20	0,887-0,895	20	1			1,2,3	4	3,6	906	
geranyl phenylacetate	3	97				1,507-1,513	20	0,978-0,984	20	1			1,2	4,5		601	
geranyl propylacetate	3	96				1,456-1,466	20	0,901-0,911	20	1			1,2,3	4,5	3	248	
geranyl tiglate	3	96				1,477-1,483	20	0,920-0,927	20	1			1	1,4,5		745	
2-geranyl-cyclopentanone	4	95	異性体合算			1,470-1,490	25	0,900-0,920	20	-				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	-			10	1,3,6	3,4,5	3,6	329
guaiaicyl phenylacetate	9,17	98		MP	38-43					-			10	4,5	6	1521	
2,4-heptadifonal	3	92	異性体合算			1,520-1,540	20	0,880-0,900	20	5			1,2,6	4,5	6	863	
delta-heptalactone	1	98				1,452-1,458	20	1,023-1,029	20	5			4,5			1554	
heptanal	1	90				1,410-1,420	20	0,816-0,826	20	10			1,2,3,6	3,4,5	3,6	565	
heptanal diethyl acetal	1	95				1,410-1,420	20	0,831-0,841	20	1				4,5		710	
heptanal dimethyl acetal	1	95				1,405-1,415	20	0,845-0,855	20	1			1	4,5		417	
heptanal propylene glycol acetal	1	98	異性体合算			1,425-1,430	20	0,889-0,895	20	1			1	4,5		1028	
2,3-heptanedione	2	96				1,410-1,420	20	0,917-0,927	20	-			1,3	3,4,5	3	589	
heptanoic acid	2	98				1,420-1,426	20	0,917-0,923	20	-			1,3,5,6	3,4,5	3,6	88	
2-heptanol	2	97				1,416-1,426	20	0,813-0,825	20	-			1,3,6	3,4,5	3,6	700	
heptanol	2	97				1,421-1,427	20	0,820-0,826	20	1			1,2,5,6	4,5	6	409	
2-heptanone	2	95				1,404-1,414	20	0,812-0,822	20	-			1,2,3	3,4,5	3,6	166	
4-heptanone	2	97				1,402-1,412	20	0,810-0,820	20	-			1,3,5,6	3,4,5	3,6	929	
3-heptanone	2	97				1,404-1,411	20	0,813-0,825	20	-			1,2,3,6	3,4,5	3,6	1283	

表示名	判断番号	含量(GC)	含量(%) (GC以外-水分推定)	融点 区分 ¹⁾	融点又は 凝固点(°C)	屈折率	屈折率 温度	比重	比重 温度	酸価	紫外又は 比色光度	重金属 (μg/g)	IR	薄層試験 ²⁾ MS	NMR	使用量 単位
trans-2-heptenal	3	95				1.444-1.454	20	0.841-0.851	20	10			1.3	3.4,5	3.6	772
cis-4-heptenol	4	92				1.430-1.450	20	0.870-0.890	20	-			1.3	1.3,4,5	1.3	2266
cis-3-heptenol	4	95				1.440-1.450	20	0.841-0.861	20	-				4.5		2623
heptyl acetate	1	98				1.411-1.417	20	0.868-0.874	20	1			1.3	3.4,5	3	237
heptyl butyrate	1	98				1.419-1.424	20	0.861-0.867	20	1			1.6	4.5	6	716
heptyl formate	1	97				1.410-1.416	20	0.876-0.883	20	1			1.3,5	4.5	6	915
heptyl heptanoate	1	98				1.428-1.434	20	0.859-0.865	20	1			1.4,5	1.4,5		1487
heptyl hexanoate	1	98				1.424-1.430	20	0.860-0.866	20	1			4.5	4.5		1341
heptyl isobutyrate	1	95				1.414-1.424	20	0.856-0.867	20	1			1	4.5		894
heptyl octanoate	1	98				1.430-1.436	20	0.858-0.864	20	1			1	4.5		957
heptyl propionate	1	98				1.416-1.422	20	0.865-0.871	20	1			3	3.4,5	3	1557
2-heptyl-4-pentanolide	9,17	94		MP	29-35	1.445-1.455	20	0.928-0.943	20	10		10	1			3024
delta-hexadecalactone	1	90				1.456-1.466	25	0.918-0.928	25	7				4		659
hoxadecanol	10,18	95		MP	47-53					-		10	1	4.5		857
2,4-hexadienal	3	95		異性体合算		1.535-1.547	20	0.889-0.902	20	5			3.6	1.3,4,5	3.6	1251
2,4-hexadienyl acetate	3	98				1.468-1.478	20	0.926-0.936	20	1				4	1	2211
2,4-hexadienyl butyrate	3	94				1.450-1.470	25	0.900-0.920	20	1				4	1	2212
2,4-hexadienyl isobutyrate	3	98				1.462-1.472	25	0.898-0.908	20	1				4	1	2154
delta-hexalactone	1	98		異性体合算		1.449-1.455	20	1.043-1.053	20	10			1.3,5	4.5	3	512
hexamethyl-1,3,5-trithiane	2	90				1.535-1.547	20	1.057-1.077	20	-			1.6	4.5	1.6	1279
hexanal	1	95				1.400-1.410	20	0.808-0.823	20	10			1.3,6	3.4,5	3	22
hexanal dibutyl acetal	1	95				1.419-1.429	20	0.833-0.843	20	1			3	3	3	656
hexanal diethyl acetal	1	95				1.404-1.414	20	0.829-0.839	20	1				4.5		59
hexanal dihexyl acetal	1	95				1.428-1.438	20	0.836-0.846	20	1				1	1	432
hexanal dimethyl acetal	1	98				1.402-1.408	20	0.847-0.853	20	1				4.5		777
hexanal hexyl isoamyl acetal	1	97				1.427-1.432	20	0.835-0.840	20	1			1	1	1.3	440
hexanal propylene glycol acetal	1	95				1.418-1.428	20	0.893-0.903	20	1			1	4.5		73
3,4-hexanedione	2	90				1.407-1.417	20	0.940-0.950	20	-			1.3,5	3.4,5	3.6	1073
2,3-hexanedione	2	92				1.405-1.420	20	0.933-0.953	20	-			1.3,6	4.5	3	506
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
hexanol	2	95				1.414-1.424	20	0.818-0.828	20	-			2.3,6	3.4,5	3.6	17
3-hexanol	2	97				1.413-1.419	20	0.817-0.823	20	-			1.3,6	3.4,5	3.6	1303

表示名	判断番号	含量(GC)	含量(%) (GC以外成分省略)	融点 区分 ¹⁾	融点又は 凝固点(°C)	屈折率	屈折率 温度	比重	比重 温度	融解 温度	旋光度又は 比旋光度	重金属 (μg/g)	IR	確認試験 ²⁾ MS	NMR	使用量 単位
2-hexanol	2	98				1.412-1.418	20	0.812-0.818	20	-			3.5	3.4,5	3	1359
2-hexanone	2	96				1.396-1.406	20	0.808-0.818	20	-			3.5,6	3.4,5	3	375
3-hexanone	2	97				1.397-1.403	20	0.812-0.822	20	-			1.3,5,6	3.4,5	3,6	2107
trans-2-hexenal	3	95				1.440-1.451	20	0.840-0.854	20	10			3,6	3.4,5	1,6	12
2-hexenal	3	95	異性体合算			1.440-1.451	20	0.840-0.854	20	10			5	4.5	1	216
cis-3-hexenal	3	98				1.427-1.435	20	0.849-0.862	20	10			1	4.5	6	819
trans-2-hexenal diethyl acetal	3	93				1.418-1.426	20	0.843-0.853	20	1			1,6	4.5	6	92
cis-3-hexenal diethyl acetal	3	99				1.420-1.426	20	0.850-0.856	20	1			4.5	4.5		643
trans-2-hexenal propylene glycol acetal	3	90				1.438-1.444	20	0.919-0.926	20	1			4.5	4.5	1	96
cis-3-hexenoic acid	4	90				1.437-1.447	20	0.955-0.975	20	-			1	4.5	1696	
3-hexenoic acid	4	95				1.435-1.447	20	0.955-0.975	20	-			1,3,6	3.4,5	3,6	1261
trans-3-hexenoic acid	4	95				1.435-1.445	20	0.956-0.966	20	-			1,3,6	3.4,5	3,6	1278
trans-2-hexenoic acid	12,20	98		MP	32-38					-		10	3,6	3.4,5	1,3,6	67
2-hexenoic acid	12,20	95		MP	27-38					-		10		4.5		1480
4-hexenol	4	95				1.438-1.448	20	0.854-0.864	20	-			1	4.5		1163
cis-4-hexenol	4	95				1.438-1.448	20	0.854-0.864	20	-			3	4.5	3	1164
trans-2-hexenol	4	95				1.433-1.443	20	0.839-0.849	20	-			1,2,3,6	3.4,5	1,3,6	43
2-hexenol	4	95				1.433-1.451	20	0.839-0.854	20	-			1,2,5	4.5	1,6	452
5-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-3-hexenol	4	95				1.436-1.446	20	0.845-0.855	20	-			2,3,6	3.4,5	3,6	8
3-hexenol	4	98				1.436-1.446	20	0.830-0.860	20	-			5	4.5		1532
trans-3-hexenol	4	98				1.437-1.442	20	0.830-0.860	20	-			3,5,6	1,3,4,5	3,5,6	345
1-hexen-3-ol	4	95				1.424-1.434	20	0.830-0.842	20	-			3,5,6	3.4,5	1,3,6	2146
4-hexen-3-one	4	90				1.433-1.443	20	0.845-0.865	20	-			3,6	3.4,5	1,3,6	2251
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
cis-3-hexenyl acetate	3	95				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			4.5			2267
trans-3-hexenyl acetate	3	98				1.420-1.426	20	0.885-0.915	20	1			4.5			1420
1-hexenyl acetate	3	98				1.424-1.432	20	0.892-0.898	20	3			3	3	3	1573
cis-2-hexenyl acetate	3	97	異性体合算			1.425-1.431	20	0.900-0.907	20	1			4.5			607
cis-3-hexenyl acetoacetate	3	96	異性体合算			1.445-1.455	20	0.980-0.990	20	特例 除外			3	3	3	1202
cis-3-hexenyl anthranilate	3	95				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
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 butyrate	3	95				1.425-1.435	20	0.883-0.893	20	2			1,2,3,6	3.4,5	3,6	203
cis-3-hexenyl cinnamate	3	98				1.545-1.552	20	1.006-1.013	20	1			3	3.4	3	1408
cis-3-hexenyl decanoate	3	98	異性体合算			1.441-1.447	20	0.870-0.876	20	1			4.5			1240

表示名	判断番号	含量(GC)	含量(%) (GC以外成分推定)	融点 区分 ¹⁾	融点又は 凝固点(°C)	屈折率	屈折率 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	
cis-3-hexenyl 2-ethylbutyrate	3	96				1.429-1.439	20	0.975-0.985	20	1			3	3	3	1505
trans-2-hexenyl formate	3	90				1.420-1.430	20	0.900-0.910	20	2			4	1		1528
cis-3-hexenyl formate	3	94				1.422-1.432	20	0.910-0.920	20	2			1.2	4.5		456
cis-3-hexenyl heptanoate	3	98	異性体合算			1.436-1.442	20	0.875-0.881	20	1			1.3	4.5	3	802
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 hexanoate	3	95				1.432-1.442	20	0.875-0.885	20	2			1.3	3.4, 5	3	164
3-hexenyl 3-hexenoate	3	94				1.446-1.457	20	0.900-0.910	25	1			1(cis体)	4		2483
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 cis-3-hexenoate	3	95				1.446-1.456	20	0.897-0.907	20	1			1	4		1333
trans-2-hexenyl isobutyrate	3	98				1.426-1.432	20	0.875-0.881	20	1			3	3		1187
cis-3-hexenyl isobutyrate	3	98				1.424-1.432	20	0.877-0.887	20	1			1.3	1.4, 5	3	522
5-hexenyl isothiocyanate	4	96				1.506-1.516	20	0.955-0.965	20	-			3	1.3	3	178
trans-2-hexenyl isovalerate	3	95				1.425-1.435	20	0.870-0.880	20	1			3	3.4, 5	3	2054
cis-3-hexenyl isovalerate	3	95	異性体合算			1.427-1.437	20	0.873-0.883	20	2			1	4		3088
3-hexenyl isovalerate	3	95				1.427-1.437	20	0.873-0.883	20	2			1.3, 6	3.4, 5	3	227
cis-3-hexenyl lactate	3	95				1.441-1.451	20	0.981-0.991	20	2			3	1	1	1071
trans-2-hexenyl 2-methylbutyrate	3	95				1.430-1.434	20	0.874-0.879	20	1			1	4.5		410
cis-3-hexenyl 2-methylbutyrate	3	95				1.429-1.439	20	0.876-0.886	20	1			1	4	6	3042
3-hexenyl 2-methylbutyrate	3	95				1.429-1.439	20	0.876-0.886	20	1			3	3.4	3	618
cis-3-hexenyl octanoate	3	97	異性体合算			1.438-1.444	20	0.873-0.879	20	1			3	3.4, 5	1.3	713
cis-3-hexenyl phenylacetate	3	97				1.487-1.507	20	0.991-0.997	20	1			3	3.4, 5	3	1098
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 propionate	3	95				1.424-1.434	20	0.891-0.901	20	2			1.3	3.4, 5	1.3	363
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	1029
cis-3-hexenyl tiglate	3	97				1.456-1.462	20	0.915-0.921	20	1			1.3, 6	1.4	3	923
cis-3-hexenyl valerate	3	98	異性体合算			1.431-1.439	20	0.881-0.889	20	1			1	4.5	1	610
2-hexyl acetate	1	98				1.402-1.408	20	0.863-0.869	20	1			2	4.5		6
hexyl acetate	1	98				1.407-1.413	20	0.871-0.877	20	1			1.2, 3, 6	3.4, 5	3, 6	6
hexyl benzoate	1	98				1.490-1.496	20	0.978-0.984	20	1			1.3	3.4, 5	3	612
hexyl butyrate	1	98				1.414-1.420	20	0.864-0.870	20	1			1.2, 3, 6	3.4, 5	3, 6	155
hexyl crotonate	3	98				1.436-1.442	20	0.887-0.893	20	1			2	4.5	1	1950
hexyl decanoate	1	98				1.432-1.438	20	0.857-0.863	20	1			3.6	3.4, 5	3.6	1043
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

表示名	判断番号	含量(%) (GC)	含量(%) (GC以外成分推定)	融点 区分 ¹⁾	融点又は 凝固点(°C)	屈折率	屈折率 温度	比重	比重 温度	融点	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
hexyl isovalerate	1	95				1.413-1.423	20	0.854-0.864	20	1			1.3,6	4,5	3	5/10
hexyl lactate	1	95				1.424-1.434	20	0.952-0.962	20	1			3	3	3	4/70
hexyl 2-methylbutyrate	1	98				1.416-1.422	20	0.858-0.864	20	1			1	4,5	3	169
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	6/71
hexyl propionate	1	97				1.411-1.417	20	0.868-0.874	20	1			1,3,6	3,4,5	3,6	2/75
hexyl valerate	1	98				1.418-1.424	20	0.862-0.868	20	1			4,5			8/38
4-hydroxybenzaldehyde	9,17	98		MP	114-119					10		10	1,3,6	3,4,5	3,6	6/05
3-hydroxybenzaldehyde	9,17	99		MP	101-105					10		10	3,5	3,4,5	3,6	3/70
4-hydroxybenzyl alcohol	10,18	99		MP	109-113							10	1,3,5,6	3,4,5	3,6	25/16
3-hydroxybutane-2-thiol	2	95				1.476-1.486	20	1.006-1.022	20	-			1	4	1	6/33
hydroxycitronellal diethyl acetal	3	95				1.435-1.445	20	0.903-0.913	20	1			1			2/80
hydroxycitronellol	2	97				1.456-1.462	20	0.929-0.935	20	-			1	4,5		1/80
2-hydroxy-2-cyclohexen-1-one	12,20	97		MP	34-41					-		10	1			9/28
6-hydroxydihydroheaspirane	4	98				1.481-1.487	20	1.006-1.010	20	-			1			25/54
3-hydroxy-4,5-dimethyl-2(5H)-furanone	12,20	97		MP	25-29					-		10	1	4,5		1/84
2-hydroxy-3,3-dimethyl-4-butanolide	9,17	98		MP	90-94					10		10	3,5,6	3,4,5	3	3/071
2-hydroxyethanethiol	2	98				1.499-1.505	20	1.114-1.120	20	-			3,6	3,4,5	3,6	1/44
3-hydroxyhexanoic acid	2	95				1.440-1.450	20	1.070-1.080	20	-			3	3		6/96
4-hydroxy-3-methoxybenzyl alcohol	10,18	98		MP	113-117					-		10	1,3	3,4,5	3	13/48
4-hydroxy-5-methyl-3(2H)-furanone	10,18	98		MP	126-130					-		10	1			3/193
3-(hydroxymethyl)-2-octanone	2	90				1.416-1.422	20	0.874-0.878	25	-					1	3/165
2-hydroxy-5-methylacetophenone	10,18	98		MP	45-49					-		10	3,5,6	3,4,5	6	24/12
4-hydroxy-4-methylbenzaldehyde	9,17	95		MP	55-61					10		10	1	4,5		14/32
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	22/53
5-hydroxy-4-octanone	2	95				1.427-1.437	20	0.917-0.927	20	-			1,3,5	3,4,5		3/41
4-hydroxyphenethyl alcohol	10,18	98		MP	90-95					-		10	3,6	3,4,5,6	3	3/194
3-hydroxyphenol	10,18	98		MP	105-115					-		10	1,3,5,6	3,4,5	3,6	10/95
2-hydroxyphenol	10,18	99		MP	102-106					-		10	3,5,6	3,4,5	6	9/40
indole	10,18	97		MP	51-54					-		10	2,3,5,6	3,4,5	1,3,6	3/40
isoamyl acetate	1	95				1.424-1.434	20	0.961-0.971	20	特別 除外			1,3	3,4,5	3	3/92
isoamyl benzoate	1	98				1.490-1.496	20	0.986-0.992	20	1			1,2,3	3,4,5	3	5/57
isoamyl cinnamate	3	96				1.531-1.541	20	0.992-1.002	20	1			1,2,3	3,4,5(tr n	3(trans)	2/99
isoamyl decanoate	1	97				1.429-1.435	20	0.855-0.861	20	1			4			8/65
isoamyl heptanoate	1	98				1.420-1.426	20	0.859-0.865	20	1				4,5		10/52
isoamyl hexanoate	1	98				1.417-1.423	20	0.859-0.865	20	1			1,2,3	3,4,5	3	1/67

表示名	判断番号	含量(GC)	含量(%) (GC/EI+成分推定)	融点 区分*	融点又は 凝固点(°C)	屈折率	屈折率 温度	比重	比重 温度	融解	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	
isomyl isobutyrate	1	98				1.404-1.410	20	0.856-0.862	20	1			1,2,3,6	3,4,5	3	89
isomyl isothiocyanate	2	98				1.493-1.499	20	0.939-0.945	20	-			5	1,4,5		2716
isomyl laurate	1	97				1.433-1.439	20	0.855-0.861	20	1			1,3,6	3,4,5	3,6	1056
isomyl levulinate	1	98				1.427-1.433	20	0.957-0.963	20	1			3	3,4,5	3	824
isomyl 2-methylbutyrate	1	97				1.411-1.417	20	0.857-0.863	20	1			1	4,5		239
isomyl octanoate	1	98				1.423-1.429	20	0.857-0.863	20	1			1,5	4,5		411
isomyl phenethyl ether	2	98				1.477-1.485	20	0.897-0.913	20	-			3	3	3	1129
isomyl salicylate	1	98				1.504-1.509	20	1.051-1.057	20	1			1,2,3,5	3,4,5	3,6	383
isomyl tiglate	3		98			1.439-1.446	20	0.895-0.902	20	1			6		6	1851
isomyl undecenoate	3		98			1.440-1.446	20	0.868-0.874	20	1			3	3,4	3	1218
isomyl valerate	1	98				1.413-1.419	20	0.860-0.866	20	1				4,5		334
isobornel	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				1.407-1.412	20	0.903-0.909	20	1			1	1	1	534
2-isobutyl-3(5(6)-methoxypyrazine	2	99				1.487-1.497	20	0.989-0.999	20	-			1	4,5	6	1010
2-isobutyl-3(6)-methoxypyrazine	2	99				1.488-1.494	20	0.990-0.996	20	-			1,6	4,5	6	2414
2-isobutyl-4,5-dimethylthiazole	2	96				1.491-1.501	20	0.967-0.977	20	-				4,5		2158
isobutyl acetate	1	97				1.388-1.394	20	0.870-0.876	20	1			1,2,3	3,4,5	3,6	20
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					-		10		1		587
isobutyl butyrate	1	98				1.400-1.406	20	0.881-0.887	20	1			1,2,3,5	3,4,5	3,6	250
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	317
isobutyl isobutyrate	1	98				1.397-1.403	20	0.853-0.859	20	1			1,3	3,4,5	3,6	168
isobutyl isothiocyanate	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	96				1.415-1.421	20	0.974-0.980	20	1			3	4,5	3	521
isobutyl laurate	1	96				1.430-1.436	20	0.854-0.860	20	1			3	3,4,5		1285
isobutyl 2-methylbutyrate	1	98				1.404-1.450	20	0.856-0.862	20	1				4,5		255
isobutyl myristate	1	97				1.434-1.440	20	0.854-0.860	20	1			3	3,4	3	1354
isobutyl N-methylanthranilate	2	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

表示名	判斷 番号	含量(%)(GC)	含量(%)(GC以外成分精製)	融点 区分 ¹⁾	融点又は 凝固点(°C)	屈折率	屈折率 温度	比重	比重 温度	融点	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	NMR	
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	109	
2-isobutyl-3-methoxyxypazine	2	95				1.487-1.497	20	0.989-0.999	20	-			4.5	1189	
isobutyric acid	2	98				1.391-1.397	20	0.947-0.953	20	-			1.2,3,6	37	
isocycloctral	3	94	異性体合算			1.465-1.475	20	0.917-0.927	20	5			4.5	737	
isoeugenyl acetate	1,19	98		MP	78-82					1	1.2	10	3.4,5	943	
isoeugenyl methyl ether	4	95				1.561-1.577	20	1.048-1.080	20	-	1.2,5		1.4,5	481	
isoeugenyl phenylacetate	3	95	異性体合算 (cis-体10%, trans-体90%)			1.573-1.583	20	1.115-1.125	20	5				803	
isomenthone	2	98	異性体合算			1.449-1.456	20	0.895-0.905	20	-	1	1	4.5	381	
isophorone	4	97				1.475-1.481	20	0.920-0.926	20	-	3.6		4.5	489	
isophytol	4	95				1.451-1.461	20	0.840-0.850	20	-	3	3	3.4,5	1188	
1-isopropyl-4-methylbenzene	4	94				1.529-1.539	20	0.894-0.906	20	-	5.6		4.5	2049	
2-isopropyl-3(5)(6)-methoxyxypazine	2	97	異性体合算			1.492-1.498	20	1.015-1.021	20	-	1.2,3,6		3.4,5	2847	
isopropyl acetate	1	98				1.374-1.380	20	0.870-0.876	20	1	1.2,3,6		3.4,5	133	
isopropyl butyrate	1	98				1.391-1.397	20	0.858-0.864	20	1	1.3,5		3.4,5	291	
isopropyl cinnamate	3	98				1.542-1.548	20	1.017-1.023	20	1	3.5,6		1.3,4,5	442	
isopropyl decanoate	1	98				1.422-1.428	20	0.853-0.859	20	1	4.5		4.5	1201	
isopropyl formate	1	95				1.363-1.375	20	0.880-0.890	20	1	1.3,5		3.4,5	836	
isopropyl hexanoate	1	98				1.405-1.409	20	0.854-0.860	20	1	3		1.3,4,5	471	
isopropyl isobutyrate	1	95				1.384-1.394	20	0.844-0.854	20	1	1.3		4.5	515	
isopropyl isothiocyanate	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 levulinale	1	98				1.418-1.424	20	0.978-0.984	20	1			4.5	1226	
isopropyl 2-methylbutyrate	1	98				1.395-1.401	20	0.851-0.857	20	1	1.6		4.5	267	
isopropyl myristate	1	96				1.429-1.439	20	0.850-0.860	20	1	1.3,6		3.4,5	107	
isopropyl octanoate	1	98				1.414-1.420	20	0.853-0.859	20	1	3		4.5	1133	
isopropyl palmitate	1	96				1.435-1.442	20	0.850-0.857	20	1	3.5,6		3.4,5	1657	
isopropyl phenylacetate	1	98				1.485-1.491	20	0.998-1.004	20	1	5		4.5	1144	
isopropyl propionate	1	98				1.394-1.390	20	0.863-0.869	20	1	1.2,3		3.4,5	361	
4-isopropylbenzyl alcohol	2	97	異性体合算			1.516-1.522	20	0.973-0.982	20	-	1.3,5		3.4,5	852	
4-isopropylphenol	10,18	97		MP	56-66					-	10		4.5	2255	
2-isopropylphenol	2	98				1.524-1.530	20	0.992-1.002	20	-	1.3,6		3.4,5	769	
4-isopropylphenylacetaldehyde	1	97				1.510-1.516	20	0.967-0.975	20	1	4		4	2519	
2-isopropyl-5-methyl-2-hexenal	3	95	異性体合算			1.446-1.456	20	0.840-0.850	25	10	6		4.5	1537	
2-isopropyl-4-methylthiazole	2	95				1.494-1.504	20	0.997-1.007	20	-	1.3		1.3,4,5	328	
l-isopulegol	8	90	異性体合算			1.467-1.477	20	0.905-0.915	20	-	-20.6 to -19.6		3.4,5	47	

表示名	判斷 番号	含量(%)(GC)	含量(%)(GC以外・成分別)	融点 区分 ¹⁾	融点又は 凝固点(°C)	屈折率	屈折率 温度	比重	比重 温度	融解	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	
isopulegol	4	90	異性体合算			1.467-1.477	20	0.905-0.918	20	-			1.2,5	4.5		214
isopulegyl acetate	3	95	異性体合算			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	1	279
isovaleraldehyde propylene glycol acetal	1	95	異性体合算			1.412-1.420	20	0.895-0.902	20	1			1.6	1.4	1	336
isovaleric acid	2	98				1.400-1.406	20	0.925-0.931	20	-			1.2,3,5,6	3.4,5	3,6	90
cis-jasnone	4	98				1.496-1.502	20	0.940-0.947	20	-		20	1.3,5,6	3.4,5	3,6	55
lauric acid	10,18		98	CP	42-47					-			1.2,3,6	3.4,5	3,6	126
levulinic acid	2		97			1.439-1.445	20	1.136-1.147	20	-	+100 to +120			4		1308
d-limonen-10-ol	8	90				1.495-1.505	20	0.957-0.977	20	-						958
limonen-10-ol	4	95				1.495-1.505	20	0.956-0.977	20	-						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	1
l-limonene	8	90				1.468-1.478	20	0.840-0.850	20	-	-90 to -80		6	4.5	6	53
limonene	4	95				1.468-1.478	20	0.840-0.850	20	-			1.2,3	4.5	6	40
linalool oxide (furanoid)	4	95	異性体合算			1.447-1.457	20	0.940-0.950	20	-			2		1	254
linalool oxide (pyranoid)	12,20	90		MP	37-43					-		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	6	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	6	599
linalyl hexanoate	3	95				1.448-1.458	20	0.884-0.894	20	1			1	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	93	95			1.500-1.508	20	0.970-0.980	20	3				4	1	901
linalyl propionate	3	93				1.445-1.455	20	0.893-0.903	20	1			1.2,6	4.5		622
linoic acid	4		98			1.462-1.470	20	0.898-0.905	20	-			1.3,5,6	3.4,5	3,6	141
maltol butyrate	1	95				1.495-1.505	20	1.156-1.166	20	2				4		726
maltol isobutyrate	1	97				1.493-1.499	20	1.150-1.156	20	5			1.2,6	4	6	50
1,8-p-menthadien-4-ol	4	90				1.489-1.499	20	0.955-0.965	20	-				4		2048
menthalactone	3	96				1.494-1.504	20	1.060-1.070	20	1			1		1	939
menthofuran	2	95				1.479-1.489	20	0.964-0.974	20	-			1.5	4.5	3	136
3-(l-menthoxy)-1,2-propanediol	2	98				1.471-1.477	20	0.992-1.004	20	-	-86 to -80					68
2-(l-menthoxy)ethanol	6	99				1.457-1.467	20	0.920-0.940	25	-	-96 to -92(比旋光度)				1	3008
menthyl acetate	1	98				1.443-1.449	20	0.923-0.929	20	1			1.3,5	3.4,5		1062

表示名	判断番号	含量(GC)	含量(%) (GC以外成分推定)	融点 区分 ¹⁾	融点又は 凝固点(°C)	屈折率	屈折率 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	
menthyl butyrate	1	99				1.445-1.451	20	0.908-0.918	20	1			3	3	3	583
menthyl decanoate	1	98				1.452-1.458	20	0.889-0.899	20	1			3	3	3	779
menthyl formate	1	98				1.446-1.452	20	0.937-0.943	20	1			3	3	3	2095
menthyl hexanoate	1	99				1.447-1.453	20	0.900-0.910	20	1			3	3	3	691
menthyl 3-hydroxybutyrate	1	95				1.453-1.463	25	0.970-0.980	25	1			1.3	3	1.3	175
menthyl isovalerate	1	95				1.442-1.452	20	0.900-0.910	20	1			1.6	4.5		632
menthyl lactate	9,17	90		MP	42-47					1		10	1			333
l-menthyl 2-methylbutyrate	5	98				1.444-1.450	20	0.903-0.909	20	1	-60 to -54		3	3	3	1659
menthyl octanoate	1	99				1.449-1.455	20	0.894-0.904	20	1			3	3	3	692
menthyl valerate	1	98				1.445-1.451	20	0.905-0.911	20	1			1.4	1	1	586
2-mercaptopentanedioic acid	12,20	98		MP	151-155					-		10	3.5	3.4,5	3	3087
3-mercaptopentanol	2	98				1.475-1.489	20	0.966-0.980	20	-			1	1.4,5	1	2165
3-mercaptopentyl acetate	1	98				1.455-1.465	20	0.985-0.996	20	1			1	1.4,5	1	2488
3-mercaptopentyl butyrate	1	98				1.456-1.462	20	0.963-0.969	20	1			1	1.4,5	1	2489
3-mercaptopentyl 3-methylbutanol	2	96				1.474-1.484	20	0.984-0.994	20	-			1	1.4,5	1	2486
3-mercaptopentyl 3-methylbutyl formate	1	98				1.457-1.467	20	1.025-1.035	20	1			1	1.4,5	1	2487
3-[(2-mercaptopentyl)-1-methylpropylthio]-2-butanol	2	94				1.515-1.525	20	1.042-1.062	20	-			1	4	1	582
23(X10)-mercaptopyranine	2	97	異性体合算			1.511-1.517	20	0.978-0.985	20	-			1.6		6	2070
2-mercaptopropionic acid	2	95				1.477-1.487	20	1.194-1.204	20	-			2.3,5,6	3.4,5	3.6	408
3-mercaptopropionic acid	2	98				1.490-1.496	20	1.220-1.226	20	-			3.5,6	3.4,5	3.6	645
methionol	1	90				1.479-1.493	20	1.037-1.060	20	10			1.6	3.4,5	3.6	272
methionol	2	98				1.485-1.495	20	1.024-1.034	20	-			1.3,6	3.4,5	3.6	362
2-methoxy-3(5)-methylpyrazine	2	97	異性体合算			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	異性体合算			1.505-1.510	20	1.070-1.090	20	-			1.2			860
2-methoxybenzaldehyde	9,17	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-methoxybenzenethiol	2	96				1.586-1.596	20	1.147-1.157	25	-			1.3,5	1.3,4,5	1.3	2071
4-methoxycinnamaldehyde	11,19	96		MP	56-63					10		10	1	4.5		708
2-methoxy-2,5-dimethylfuran-3(2H)-one	4	97		MP	45-49	1.475-1.481	20	1.091-1.101	20	5		10	1	4.5		937
2-methoxy-3-isopropylpyrazine	2	96				1.490-1.500	20	1.009-1.019	20	-			6	4.5	1.6	318
1-methoxy-4-methylbenzene	2	98				1.509-1.515	20	0.969-0.975	20	-			1.2,3	3.4,5		1313
4-methoxy-2-methylbutane-2-thiol	2	98				1.445-1.455	20	0.913-0.923	20	-			1.2,3,5,6	3.4,5	3.6	1247
2-methoxy-3-methylpyrazine	2	98	異性体合算			1.505-1.510	20	1.063-1.093	20	-			1	1.4	1	1482
4-methoxyphenol	10,18	99		MP	54-58					-		10	1.2	4.5		886
2-(4-methoxyphenoxy)propionic acid	10,18	99		MP	89-93					-		10	3.5,6	3.4,5	3.6	2089
1-(4-methoxyphenoxy)-1-pentanol-3-one	12,20	95		MP	57-63					-		10	1.3			3135
1-(4-methoxyphenoxy)-2-propanone	2	97				1.515-1.535	20	1.055-1.075	25	-			1.2			2102
													1.3,5	3.4,5	3.6	2200

表示名	判断樹 番号	含量(%)(GC)	含量(%)(GC以外・成分推定)	融点 区分 ¹⁾	融点又は 凝固点(°C)	屈折率	屈折率 温度	比重	比重 温度	糖価	炭光度又は 比炭光度	確認試験 ²⁾			使用量 單位
												IR	MS	NMR	
1-methoxy-4-propylbenzene	2	98				1.503-1.506	20	0.941-0.947	20	-		1.2,5	4.5		253
methoxypyrazine	2	99				1.507-1.512	20	1.110-1.150	20	-		1.2,3,5,6	4.5	3.6	1134
2-methoxypyridine	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
6-methyl-3,5-heptadien-2-one	4	96				1.530-1.540	20	0.892-0.902	20	-			4.5	1	1296
2-methyl-3-(2-furyl)-2-propanal	3	97				1.612-1.619	20	1.092-1.102	20	10				1	2105
2-methyl-3-(methylthio)pyrazine	2	98	異性体合算			1.579-1.585	20	1.141-1.147	20	-		1.3	3.4,5	3	2083
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
3-methyl-1,2,4-trithiane	2	98				1.614-1.620	20	1.277-1.283	20	-		1.4			2492
2-methyl-3(5)(6)-(methylthio)pyrazine	2	98	異性体合算			1.579-1.589	20	1.140-1.150	20	-		1	4.5		463
2-methyl-3(5)-(methylthio)pyrazine	2	99	異性体合算			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	異性体合算			1.579-1.587	20	1.141-1.150	20	-		1.3,6	3.4,5	3.6	796
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-trans-2-butenic acid	12,20	97		MP	65-70					-		3.6	1.3,4,5	6	1508
3-methyl-3-buten-2-one	4	95				1.418-1.428	20	0.855-0.865	20	-			4.5	3	2244
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	95			1.414-1.424	25	0.902-0.912	25	1		1	1.4	1	1304
3-(5-methyl-2-furyl)butanal	1	99				1.470-1.476	20	1.008-1.018	20	10				1	1089
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	6	1263
5-methyl-2-hepten-4-one	4	95				1.436-1.446	20	0.846-0.856	20	-				1	1072
6-methyl-5-hepten-2-one	4	95				1.435-1.445	20	0.847-0.857	20	-		2.3,5,6	3.4,5	1.3,6	81
6-methyl-5-hepten-2-one propylene glycol acetal	3	98				1.439-1.446	20	0.905-0.911	20	1		3	3	3	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
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 2-(methylthio)butyrate	1	98				1.454-1.461	20	1.025-1.034	20	1			4.5		1140
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 10-undecenoate	3	98				1.436-1.442	20	0.885-0.891	20	1		3	1.3,4,5		2077
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 3-acetoxyhexanoate	1	97				1.419-1.425	20	1.018-1.024	20	1		3	4		310
methyl anisate	9,17	97		MP	46-52					1		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	98			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					-			4.5	1	473

表示名	判断番号	含量(GC)	含量(%) (GC以外成分省略)	融点 区分 ¹⁾	融点又は 凝固点(°C)	屈折率	屈折率 温度	比重	比重 温度	融点	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	NMR		
methyl beta-phenylglycidate	1		97			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 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	3,6	3237
methyl decanoate	1	98				1.423-1.429	20	0.872-0.878	20	1			3,6	3,4,5	3,6	477
methyl dihydrojasmonate	1	96				1.454-1.464	20	0.998-1.008	20	2			3	3,4,5	3	139
methyl opt-jasmonate	3	97	異性体合算			1.470-1.477	20	1.022-1.033	20	2			4		1	2764
methyl ethanethioate	1	98				1.460-1.468	20	1.020-1.028	20	1			1,4,5	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 2-ethylbutyrate	1		98			1.399-1.405	20	0.878-0.884	20	1			4,5	4,5	1986	
methyl formate	1	95				1.341-1.346	20	0.970-0.976	20	特別 除外			3,6	3,4,5	3,6	1116
methyl 2-furoate	1	98				1.485-1.491	20	1.179-1.185	20	1			1,2,3,5,6	3,4,5	3,6	313
methyl geranate	3	96				1.465-1.475	20	0.920-0.930	20	1			4,5	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 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 3-hexenoate	3	98				1.422-1.428	20	0.912-0.922	20	1			1	4,5	1	1694
methyl trans-2-hexenoate	3	98				1.430-1.439	20	0.914-0.921	20	1			4,5	4,5	1	277
methyl hydroxyacetate	1	96				1.411-1.421	20	1.181-1.191	20	1			3	3,4,5	3	3109
methyl 3-hydroxybutyrate	1	98				1.417-1.425	20	1.053-1.061	20	1			4,5	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 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
methyl isopentanoate	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			3,5	3,4,5	3	1087
methyl laurate	1	95				1.427-1.437	20	0.885-0.875	20	1			1,3,6	3,4,5	6	335
methyl levulinate	1	98				1.419-1.425	20	1.049-1.055	20	1			3,5	3,4,5	3	892
methyl linoleate	3		98			1.453-1.463	20	0.879-0.889	20	1			1,3,5	3,4,5	3,6	799
methyl 2-methoxybenzoate	1	98				1.525-1.545	20	1.151-1.164	20	2			1,3,5,6	4,5	3,6	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	4	1	2749
methyl 4-methylbenzoate	9,17	99		CP	30-34					1		10	3,6	3,4,5	3,6	1300
methyl 4-methylbutyrate	1	98				1.392-1.398	20	0.883-0.889	20	1			1,6	4,5	6	56
methyl 4-methylpentanoate	1	97				1.400-1.408	20	0.878-0.886	20	1			1	4,5	6	868
methyl 2-methylpentanoate	1	98				1.400-1.406	20	0.877-0.883	20	1			1,3	4,5	3	527

表示名	判断樹 番号	含量(%)(GC)	含量(%)(GC以外成分精製)	融点 区分 ¹⁾	融点又は 凝固点(°C)	屈折率	屈折率 温度	比重	比重 温度	融点	旋光度又は 比旋光度	薄层試験 ²⁾			使用量 単位	
												IR	MS	NMR		
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,N-dimethylanthranilate	1		98			1.552-1.562	20	1.093-1.103	20	1		3	3,4,5	1,3	613	
methyl N-acetylantirrhinolate	9,17	95		MP	96-103								4,5	1	405	
methyl N-formylantirrhinolate	9,17	98		MP	51-55								4,5	1	987	
methyl nicotinate	9,17	98		MP	38-43								3,5	3,4,5	1,3	2078
methyl nonanoate	1	97				1.419-1.425	20	0.873-0.879	20	1		1,6	3,6	3,6	611	
methyl 3-nonenolate	3	95				1.432-1.442	20	0.890-0.900	20	1		1,6	4,5	6	520	
methyl 2-nonenolate	3	95				1.441-1.447	20	0.894-0.900	20	1		1,6	4,5	1	790	
methyl cis-3-nonenolate	3	99				1.433-1.439	20	0.890-0.896	20	1		1,6	6	6	3115	
methyl 2-nonynoate	3	97				1.445-1.451	20	0.914-0.920	20	1		3,5,6	3,4,5	1,3,6	984	
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 cis-5-octenoate	3	96				1.429-1.439	20	0.898-0.908	20	1		1	1	1	3116	
methyl octyl sulfide	2	95				1.450-1.460	20	0.842-0.852	20	1		3	3,4,5	3	676	
methyl 2-octynoate	3	95				1.442-1.452	20	0.917-0.929	20	1		1,2,3,5	3,4,5	3,6	474	
methyl oleate	3		98			1.446-1.456	20	0.871-0.881	20	1		3,6	3,4,5	3,6	226	
methyl 3-oxohexanoate	1	98				1.425-1.431	20	1.012-1.018	20	1		3	3,4,5		1232	
methyl palmitate	10,18	96		CP	26-29							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 4-pentenoate	3	95				1.412-1.418	20	0.882-0.890	25	1		3	1,3,4,5		1524	
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			2079	
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 4-phenylbutyrate	1	97				1.497-1.503	20	1.015-1.028	25	1		5	4,5	1	3236	
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							10	3,5,6	3,4,5	3	968
methyl 4-tert-butylphenylacetate	1	95				1.495-1.505	20	0.994-1.004	20	1		6	4,5	1,6	101	
methyl 2-thiofuroate	1	98				1.586-1.574	20	1.222-1.232	20	1		6	4,5	1,6	1523	
methyl thymol ether	2	98				1.503-1.509	20	0.934-0.940	20	-		4,5	1	1	1382	
methyl trans,cis-2,4-decadienoate	3	97	異性体合算			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	3,6	478	
methyl vanillate	9,17	99		MP	63-67						特例 除外	10	3,5	3,4,5	3,6	2294
4-methylbenzaldehyde	1	95				1.541-1.551	20	1.013-1.023	20	10		1	4,5		251	
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 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	

表示名	判別番号	含量(%) (GC)	含量(%) (GC+IR-IR分析値) (mixed o,m,p)	融点又は 凝固点(°C)	屈折率	屈折率 温度	比重	比重大 温度	融点	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	
4-methylbenzyl acetate	1	98			1.497-1.506	20	1.028-1.040	20	1			1(mixと し°C)	3,4,5	3	483
4-methylbenzyl alcohol	10,18	98		MP	55-63						10	3,6	3,4,5	3,6	1272
4-methylbenzyl butyrate	1	98			1.489-1.495	20	0.982-0.998	20	1			3	3,4,5	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 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	4,5	5	597
2-methylbutyl hexanoate	1	98			1.418-1.424	20	0.862-0.868	20	1			4,5	4,5	1022	
2-methylbutyl isobutyrate	1	98			1.404-1.412	20	0.857-0.865	20	1			4,5	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 2-methylbutyrate	1	95			1.408-1.418	20	0.856-0.867	20	1			1,3,6	4,5	6	348
2-methylbutyl propionate	1	98			1.404-1.410	20	0.871-0.877	20	1			4,5	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
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
4-methyldecan-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	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			1,2,3,5,6	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
methylenone	4		90		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	-			4			1051
4-methylnonanoic acid	2	98			1.433-1.440	20	0.900-0.908	20	-			1,6			2528
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	4,4	444
4-methylpentanoic acid	2	95			1.410-1.420	20	0.920-0.930	20	-			1,2,3,5,6	4,5	6	427
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
3-methylpentanol	2	98			1.416-1.422	20	0.824-0.830	20	-			1,3,5,6	3,4,5	3,6	2166
4-methylphenol	10,18	97		MP	31-37				-		10	1,3,6	3,4,5	3	709
3-methylphenol	2	98			1.537-1.543	20	1.032-1.038	20	-			1,3,5,6	3,4,5	3,6	1594
2-methylphenol	10,18	98		MP	29-33				-		10	1,3,6	3,4,5	3,6	1017
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	0.983-0.999	20	1			1,2,3,5,6	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				1		10	1,3,6	3,4,5	3,6	837
2-(4-methylphenyl)propanal	1		95		1.509-1.519	20	0.979-0.989	20	5			5	5	1	1466

表示名	判断番号	含量(GC)	含量(%) (GC以外・水分別)	融点 区分*	融点又は 凝固点(°C)	屈折率	屈折率 温度	比重	比重 温度	融解	旋光度又は 比旋光度	重金属 (μg/g)	新試験法 ²⁾			使用量 単位
													IR	MS	NMR	
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	323
3-(methylthio)butanol	1	96				1.471-1.481	20	0.998-1.008	20	0			1	4,5		546
4-(methylthio)-2-butanone	2	97				1.470-1.476	20	1.001-1.009	20	-			6	1,5	6	2046
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	0.984-0.974	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
4-(methylthio)-4-methyl-2-pentanone	2	97				1.470-1.481	20	0.958-0.970	20	-				1		2073
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	0.990-0.995	20	-				4,5		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
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-2-pentenal	3	95				1.447-1.457	20	0.866-0.886	20	10			1	4	1	2522
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-cis-2-pentene	4	99				1.385-1.391	20	0.667-0.673	20	-			3,5	4,5	3	2526
2-methyl-2-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
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
2-methyl-4-phenylbutanal	1	95				1.503-1.513	20	0.970-0.980	20	3					1	2426
4-methyl-1-phenyl-2-pentanol	2	96				1.490-1.510	20	0.938-0.948	20	-			1	4,5		717
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-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		10	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

表示名	判断 番号	含量(% (GC)	含量(% (GC以外成分推定)	融点 区分 ¹⁾	融点又は 凝固点(°C)	屈折率	屈折率 温度	比重	比重 温度	融解	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-methyl-1-phenyl-2-propyl isobutyrate	1	97				1.477-1.485	20	0.964-0.972	20	1		10	3	3.4		1141
2-methyl-4-propyl-1,3-oxathiane	2	98	異性体合算			1.475-1.485	20	0.973-0.983	20	-				1.4,5		646
3-methyl-5-propyl-2-cyclohexen-1-one	4	97				1.480-1.486	20	0.925-0.931	20	-						2496
1-methyl-2-pyrrolylcarbaldehyde	1	90				1.555-1.565	20	1.072-1.082	20	10		10	3.6	3.4,5	6	3131
5-methyl-2-pyrrolylcarbaldehyde	9,17	90		MP	66-72					10		10	4.5			3059
2-methyl-3-tetrahydrofuranthiol	2	95	異性体合算			1.473-1.481	20	1.041-1.057	20	-			1	1	1	902
4-methyl-5-thiazolethanol	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-thiazolethanol acetate	1	98				1.506-1.512	20	1.166-1.172	20	1			4,5	1,6	3,3	33
4-methyl-5-thiazolethanol butyrate	1	98				1.496-1.510	20	1.106-1.112	20	1			3	3	1,3	111
4-methyl-5-thiazolethanol decanoate	1	98				1.486-1.492	20	1.012-1.018	20	1			4,5	1	1	204
4-methyl-5-thiazolethanol formate	1	95				1.518-1.524	20	1.215-1.221	20	2			3	1,3	1,3	608
4-methyl-5-thiazolethanol hexanoate	1	98				1.491-1.497	20	1.065-1.071	20	1			3	3	1,3	501
4-methyl-5-thiazolethanol isobutyrate	1	98				1.494-1.500	20	1.102-1.108	20	1			2	1	1	197
4-methyl-5-thiazolethanol octanoate	1	98				1.488-1.494	20	1.036-1.042	20	1			3	3	1,3	78
4-methyl-5-thiazolethanol 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	-			3,5,6	3.4,5	3,6	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
mono-methyl succinate	9,17	98		MP	60-66					特別 除外		10	1			3001
myrcenyl acetate	3	95				1.453-1.463	20	0.903-0.913	25	1				4		2296
myristic acid	12,20		98	CP	51-60					-		10	1,3,5,6	3.4,5	3,6	63
myrtanal	3	93				1.499-1.509	20	0.984-0.994	20	10			4,5	1,6	7,70	
myrtanol	4	93				1.490-1.500	20	0.976-0.986	20	-			1,3	3.4,5	1,3	465
myrtenyl acetate	3	95				1.465-1.480	20	0.988-1.007	20	1			1	1,4	1	889
2-naphthalenethiol	10,18	95		MP	77-83					-		10	3,5,6	1,3,4,5	3,6	2437
neral	3	96	異性体合算			1.484-1.490	20	0.885-0.891	20	5			1,3	4,5	3	2778
nerol	4	90				1.470-1.480	20	0.874-0.884	20	-			1,2,3	3.4,5	3,6	185
nerol oxide	4	95				1.470-1.480	20	0.900-0.910	20	-			1	1,4,5	1	1533
nerolidol	4	97				1.470-1.488	20	0.871-0.881	20	-			2,3,6	3.4,5	1,6	106
nerolidyl acetate	3		95			1.464-1.474	20	0.898-0.908	20	1			4			1318
neryl acetate	3	90				1.456-1.466	20	0.908-0.918	20	1			1,2,3	3.4,5	3,6	148
neryl butyrate	3	98				1.457-1.463	20	0.898-0.904	20	1			1	4		616
neryl crotonate	3	98				1.475-1.481	20	0.918-0.924	20	1			3	3	3	518
neryl isobutyrate	3		90			1.458-1.468	20	0.917-0.935	20	1			1			887
neryl isobutyrate	3	95				1.453-1.463	20	0.894-0.904	20	1			1	4		579
neryl isovalerate	3	92	異性体合算			1.452-1.462	20	0.892-0.902	20	1			1			1253
neryl phenylacetate	3		98			1.508-1.514	20	0.979-0.985	20	1			4			1457
neryl propionate	3	98				1.457-1.463	20	0.905-0.911	20	1			1	4,5		766

表示名	判断樹 番号	含量(%)(GC)	含量(%)(GC以外成分推定)	融点 区分 ¹⁾	融点又は 凝固点(°C)	屈折率	屈折率 温度	比重	比重 温度	融橋	旋光度又は 比旋光度(μg/g)	確認試験 ²⁾			使用量 單位	
												IR	MS	NMR		
N-furfurylpyrrole	2	98				1.529-1.536	20	1.080-1.088	20	-		3	3,4,5	1,3,6	1206	
2,4-nonaadienal	3	90				1.516-1.526	20	0.869-0.879	20	5		1	4,5		1113	
2,6-nonaadienal	3	95	異性体合算			1.468-1.478	20	0.860-0.875	20	5		1,2,6	4,5	6	946	
2,6-nonaadienol	4	95				1.461-1.471	20	0.863-0.883	20	-		1,2	4,5		918	
3,6-nonaadienol	4	95				1.462-1.473	20	0.865-0.876	20	-			3	3	365	
delta-nonalactone	1	97				1.454-1.460	20	0.985-0.991	20	5		1,2,3,6	3,4,5		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		593	
nonanal propylene glycol acetal	1	98				1.430-1.436	20	0.884-0.889	20	1		1,3	1,3	1	907	
1,9-nonanedithiol	2	95	異性体合算			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	3,6	304	
nonanol	2	95				1.429-1.439	20	0.824-0.834	20	-		1,3,6	3,4,5	3,6	472	
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	0.820-0.830	20/4	-		3,5	3,4,5	3	820	
3-nonanone	2	95				1.416-1.426	20	0.821-0.831	20	-		1,3,5,6	3,4,5	3,6	2167	
2-nonanone	2	97				1.418-1.424	20	0.821-0.827	20	-		1,2,3	3,4,5	3	159	
trans-2-nonenal	3	93	異性体合算			1.448-1.458	20	0.842-0.852	20	10		1,2,3,6	3,4,5	3,6	813	
cis-6-nonenal	3	90	異性体合算			1.436-1.460	20	0.842-0.857	20	5		1,6	1,4,5		826	
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(異性体合算)			1.453-1.463	20	0.927-0.937	20	-				1	1687	
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	-		1,2,3,5,6	4,5	3	347	
6-nonenol	4	94				1.444-1.454	20	0.844-0.854	20	-		1,2,3,4,5,6	3,4,5	3	488	
trans-2-nonenol	4	95				1.442-1.452	20	0.835-0.845	20	-		1,2,5	4,5		1503	
2-nonenol	4	97				1.441-1.453	20	0.835-0.855	20	-		1,5	4,5	1,14,2		1142
cis-2-nonenol	4	98				1.447-1.453	20	0.845-0.855	20	-		3	3,4,5	1,3	2622	
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		2168	
cis-6-nonenyl acetate	3	93				1.432-1.442	20	0.885-0.895	20	1		3	3,4,5	3	1120	
nonyl acetate	1	97				1.421-1.427	20	0.866-0.872	20	1		1,2,3,5	4,5	3	540	
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-octadienal	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	1	93		
delta-octalactone	1	97				1.451-1.459	20	0.998-1.008	20	5		2,3	3,4,5	3	242	
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	