

JECFA No	品目名	必要データ
49	Isoamyl isobutyrate	含量、屈折率(20°C)、比重(15°C、20°C)、酸価
90	Valeric acid	含量、屈折率(25°C、20°C)、比重(25°C、20°C)
125	Methyl acetate	含量、屈折率(20°C)、比重(20°C、25°C)、酸価
126	Propyl acetate	含量、屈折率(20°C)、比重(20°C、25°C)、酸価
129	Heptyl acetate	含量、屈折率(20°C)、比重(15°C、20°C)、酸価
142	Propyl propionate	含量、屈折率(20°C)、比重(20°C、25°C)、酸価
161	Propyl hexanoate	含量、屈折率(20°C)、比重(20°C、25°C)
219	4-Hydroxybutyric acid lactone	含量、屈折率(20°C、25°C)、比重(20°C、25°C)
230	Hydroxynonanoic acid delta-lactone	含量、屈折率(20°C)、比重(20°C、25°C)
239	omega-Pentadecalactone	含量、融点
243	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one	含量、融点
278	2-Butanone	含量、屈折率(20°C)、比重(20°C、25°C)、酸価
283	2-Heptanone	含量、屈折率(20°C)、比重(20°C、25°C)
349	2,6-Dimethyl-5-heptenal	含量、屈折率(20°C)、比重(20°C、25°C)、酸価
380.1	d-Carvone	含量、屈折率(20°C)、比重(20°C、25°C)
388	alpha-Ionone	含量、屈折率(20°C)、比重(20°C、25°C)
389	beta-Ionone	含量、屈折率(20°C)、比重(20°C、25°C)
405	Acetoin	含量、屈折率(20°C)、比重(20°C、25°C)
410	2,3-Pentadione	含量、屈折率(20°C)、比重(20°C、25°C)
418	Methylcyclo-pentenolone	含量、融点
433	l-Menthyl lactate	含量、融点
466	3-(Methylthio)propion aldehyde	含量、屈折率(20°C)、比重(20°C、25°C)、酸価
688	o-Methoxycinnamaldehyde	含量、融点、酸価
710	Carvacrol	含量、屈折率(20°C)、比重(20°C、25°C)
810	Acetanisole	含量、融点
826	1-(p-Methoxyphenyl)-1-penten-3-one	含量、融点
871	Anisyl alcohol	含量、融点
890	Vanillin acetate	含量、融点、酸価
927	1,2-Di[(1'-ethoxy)ethoxy]propane	含量、屈折率(20°C)、比重(20°C、25°C)、酸価
999	Phenethyl phenylacetate	含量、融点、酸価
1037	2-Isopropyl-4-methylthiazole	含量、屈折率(20°C)、比重(20°C、25°C)

JECFA No	品目名	必要データ
1054	4-Methyl-5-thiazoleethanol acetate	含量、屈折率(20°C)、比重(20°C、25°C)
1171	Dihydrocoumarin	含量、屈折率(20°C)、比重(20°C、25°C)、酸価
1233	1,4-Cineole	含量、屈折率(20°C)、比重(20°C、25°C)、酸価
1249	m-Dimethoxybenzene	含量、屈折率(20°C)、比重(20°C、25°C)
1325	p-Cymene	含量、屈折率(20°C)、比重(20°C、25°C)、酸価
1326	d-Limonene	含量、屈折率(20°C)、比重(20°C、25°C)、旋光度
1329	alpha-Pinene	含量、屈折率(20°C)、比重(20°C、25°C)
1331	Terpinolene	含量、屈折率(20°C)、比重(20°C、25°C)
1336	Bisabolene	含量、屈折率(20°C)、比重(20°C、25°C)
1337	Valencene	含量、屈折率(20°C)、比重(20°C、25°C)
1338	3,7-Dimethyl-1,3,6-octatriene	含量、屈折率(20°C)、比重(20°C、25°C)
1340	p-Mentha-1,4-diene	含量、屈折率(20°C)、比重(20°C、25°C)
1354	2-Hexen-1-ol	含量、屈折率(20°C)、比重(20°C、25°C)
1361	trans-2-Hexenoic acid	含量、融点
1388	Isobornyl acetate	含量、屈折率(20°C)、比重(20°C、25°C)、酸価
1414	L-Monomenthyl glutarate	含量、屈折率(20°C)、比重(20°C)、酸価
1416	p-Menthane-3,8-diol	含量、融点
1448	2-Methyltetrahydrofuran-3-one	含量、屈折率(20°C)、比重(20°C、25°C)、酸価
1456	4-Acetoxy-2,5-dimethyl-3(2H)furanone	含量、屈折率(20°C)、比重(20°C、25°C)、酸価
1472	5-Methyl-2-phenyl-2-hexenal	含量、屈折率(20°C)、比重(20°C、25°C)、酸価
1600	Piperine	含量、融点
1646	Nerolidol	含量、屈折率(20°C)、比重(20°C、25°C)
1656	alpha,alpha-Dimethylphenethyl butyrate	含量、屈折率(20°C)、比重(20°C、25°C)
1753	2-(4-Methyl-5-thiazolyl)ethyl butanoate	含量、屈折率(20°C)、比重(20°C、25°C)
1864	l-Bornyl acetate	含量、融点

資料4 実測値（Ⅱ）の収集のための調査票

JECFA No.	FEMA	SEQ No.	CAS	品目名	使用有無	ロット	含量		備考	屈折率		比重			酸価	融点・凝固点		(比)旋光度 25°C	備考
							GC%	GC異性体合算%		25°C	20°C	25°C	20°C	15°C		融点	凝固点		
810	2005	38	100-06-1	Acetanisoole					sum of o,m,p-										
871	2099	189	105-13-5	Anisyl alcohol															
1388	2160	1322	125-12-2	Isobornyl acetate															
710	2245	341	499-76-2	Carvacrol															
1171	2381	580	119-84-6	Dihydrocoumarin															
1249	2385	605	151-10-0	m-Dimethoxybenzene															
349	2389	1498	106-72-9	2,6-Dimethyl-5-heptenal															
1646	2772	1927	7212-44-4	Nerolidol															
239	2840	470	106-02-5	omega-Pentadecalactone															
410	2841	58	600-14-6	2,3-Pentadione															
999	2866	2120	102-20-5	Phenethyl phenylacetate															
161	2949	2227	626-77-7	Propyl hexanoate															
890	3108	59	981-68-5	Vanillin acetate															
688	3181	1566	1504-74-1	o-Methoxycinnamaldehyde					min. 95% combined aldehyde and corresponding acid										
1396	3331	249	495-62-5	Bisabolene															
1448	3373	1865	3189-00-9	2-Methyltetrahydrofuran-3-one															
1037	3555	1434	15679-13-7	2-Isopropyl-4-methylthiazole															
1233	3658	371	470-67-7	1,4-Cineole															
1456	3797	960	4166-20-5	4-Acetoxy-2,5-dimethyl-3(2H)furanone															
1416	4053	2818	42822-86-6	p-Menthane-3,8-diol															

黄色の部分の測定をお願いします。(印刷の都合でグレー)

資料 5 規格比較判断記号の一覧

- O : JECFA 規格を満たす（上限と一致、下限と一致、JECFA も流通品も規格設定がない場合を含む）。もしくは JECFA 規格に問題がないことを示す十分なデータが得られたもの
- △ : データ数が少ないが JECFA 規格に問題がないと考えられるもの
- D : JECFA 規格を満たさない製品、もしくは規格を満たす製品の報告がなかった JECFA 規格
- X : 明らかな間違い、外れ値。製品の全データを「外れ値」として扱ったもの
- N : JECFA 規格に設定されていない項目の測定値が得られたもの
- J : JECFA 規格に設定されている項目の測定値が得られなかったもの
- T : 測定温度の違いを補正できず比較できなかったもの
- M : 含量の化学法と GC 法等温度以外の測定法が異なるため比較できなかったもの
- S : JECFA 規格に幅がないもの（1 点データ）
- L : JECFA 規格より測定値が低いもの
- H : JECFA 規格より測定値が高いもの
- F : 20℃未満の融点・凝固点等、規格設定は不要と考えられるもの
- Q : 含量測定における異性体の扱い等確認が必要とされたもの
- Z : 要求した実測値が得られなかったもの

資料 6-1 実測値（Ⅱ）の検証結果（表）

JECFA No	データ	品目名	含量	GC異性体合算%	測定法	含量備考	判定	融点	凝固点	判定
49	JECFA	Isoamyl isobutyrate	98				O			
49	JFFMA	isoamyl isobutyrate	98							
49	FCC	Isoamyl Isobutyrate	98			GC(M-1b)				
49	案	Isoamyl isobutyrate	98							
49	2014実測値II	Isoamyl isobutyrate	99.6				O			
49	2014実測値II	Isoamyl isobutyrate	99				O			
49	2014実測値II	Isoamyl isobutyrate	99.9				O			
49	2014実測値II	Isoamyl isobutyrate	99.8				O			
49	2014実測値II	Isoamyl isobutyrate	99.8				O			
49	2014実測値II	Isoamyl isobutyrate	99.6				O			
49	2013実測値I	isoamyl isobutyrate	99.8				O			O
49	2013実測値I	isoamyl isobutyrate	99.8				O			O
49	2013実測値I	isoamyl isobutyrate	99.8				O			O
49	2013実測値I	isoamyl isobutyrate	99.8				O			O
49	2013実測値I	isoamyl isobutyrate	99.8				O			O
49	2013実測値I	isoamyl isobutyrate	99.9				O			O
49	2013実測値I	isoamyl isobutyrate	99.9				O			O
49	2013実測値I	isoamyl isobutyrate	99.8				O			O
90	JECFA	Valeric acid	99				O			
90	JFFMA	valeric acid	98							
90	FCC	Valeric Acid	99			Chem(M-3b)				
90	案	Valeric acid	99							
90	2014実測値II	Valeric acid	99.0				O			
90	2014実測値II	Valeric acid	99.8				O			
90	2014実測値II	Valeric acid	99.5				O			
90	2014実測値II	Valeric acid	99.6				O			
90	2014実測値II	Valeric acid	99.9				O			
90	2014実測値II	Valeric acid	99.529				O			
90	2014実測値II	Valeric acid	99.72				O			
90	2013実測値I	valeric acid	99.9				M			O
90	2013実測値I	valeric acid	99.7				O			O
90	2013実測値I	valeric acid	99.7				M			O
90	2013実測値I	valeric acid	99.7				M			O
90	2013実測値I	valeric acid	99.9				M			O
125	JECFA	Methyl acetate	98				O			
125	JFFMA	methyl acetate	98							
125	FCC	Methyl Acetate	98			GC(M-1b)				
125	案	Methyl acetate	98							
125	2014実測値II	Methyl acetate	99.3				O			
125	2014実測値II	Methyl acetate	100				O			
125	2014実測値II	Methyl acetate	99.7				O			
125	2014実測値II	Methyl acetate	99.6				O			
125	2014実測値II	Methyl acetate	99.9				O			
125	2014実測値II	Methyl acetate	99.9				O			
125	2014実測値II	Methyl acetate	100				O			
125	2014実測値II	Methyl acetate	100				O			
125	2014実測値II	Methyl acetate	100				O			
125	2014実測値II	Methyl acetate	100				O			
125	2014実測値II	Methyl acetate	100				O			
125	2013実測値I	methyl acetate	99.8				O			O
125	2013実測値I	methyl acetate	99.9				O			O
125	2013実測値I	methyl acetate	98				O			O
125	2013実測値I	methyl acetate	98.7				O			O
125	2013実測値I	methyl acetate	99.9				O			O
125	2013実測値I	methyl acetate	99.9				O			O
125	2013実測値I	methyl acetate	99.6				O			O
125	2013実測値I	methyl acetate	100				O			O
125	2013実測値I	methyl acetate	100				O			O
125	2013実測値I	methyl acetate	100				O			O
125	2013実測値I	methyl acetate	100				O			O
125	2013実測値I	methyl acetate	100				O			O
125	2013実測値I	methyl acetate	99.9				O			O
126	JECFA	Propyl acetate	97				O			
126	JFFMA	propyl acetate	95							
126	FCC	Propyl Acetate	97			GC(M-1b)				
126	案	Propyl acetate	97							
126	2014実測値II	Propyl acetate	99.9				O			
126	2014実測値II	Propyl acetate	99.9				O			
126	2014実測値II	Propyl acetate	99.8				O			
126	2013実測値I	propyl acetate	99.5				O			O
126	2013実測値I	propyl acetate	99.8				O			O
126	2013実測値I	propyl acetate	99.8				O			O
126	2013実測値I	propyl acetate	99.8				O			O
126	2013実測値I	propyl acetate	99.9	99.8			O			O
126	2013実測値I	propyl acetate	99.8				O			O
126	2013実測値I	propyl acetate	99.8				O			O
126	2013実測値I	propyl acetate	99.8				O			O
126	2013実測値I	propyl acetate	99.9				O			O
126	2013実測値I	propyl acetate	99.8			水分 0.0070%	O			O
126	2013実測値I	propyl acetate	99.8				O			O
129	JECFA	Heptyl acetate	97.5				O			
129	JFFMA	heptyl acetate	98							
129	案	Heptyl acetate	97.5							
129	2014実測値II	Heptyl acetate	99.9				O			
129	2014実測値II	Heptyl acetate	99.6				O			
129	2014実測値II	Heptyl acetate	99.9				O			
129	2014実測値II	Heptyl acetate	99.9				O			
129	2014実測値II	Heptyl acetate	99.9				O			
129	2014実測値II	Heptyl acetate	99.9				O			
129	2014実測値II	Heptyl acetate	99.9				O			
129	2014実測値II	Heptyl acetate	99.9				O			
129	2013実測値I	heptyl acetate	99.9				M			O
129	2013実測値I	heptyl acetate					J			O
129	2013実測値I	heptyl acetate	98以上				M			O

屈折率 (25°C)	屈折率 (20°C)	判定	比重(25°C)	比重(20°C)	比重(15°C)	判定	酸価	判定	旋光度	(比)旋光度	判定
1.407-1.411		O			0.862-0.869	O	0.1	O			
	1.404-1.410			0.856-0.862			1				
	1.404-1.410		0.853-0.859				1.0				
	1.404-1.410		0.853-0.859				1.0				
	1.407	O	0.855	0.858	0.862	O	0.05	O			
	1.407	O			0.862	O	0.22	H			
	1.407	O		0.858		Z	0.02	O			
	1.407	O		0.858	0.862	O	0.03	O			
	1.407	O		0.858		Z	0.04	O			
	1.407	O		0.858		Z	0.05	O			
	1.4071	O		0.8584		T	0.03	O			
	1.4071	O		0.8584		T	0.03	O			
	1.4071	O		0.8584		T	0.04	O			
	1.4071	O		0.8584		T		J			
	1.4071	O		0.8584		T	0.03	O			
	1.4071	O	0.8549	0.8584		O	0.03	O			
	1.4072	O		0.8583		T	0.02	O			
	1.4072	O		0.8583		T	0.05	O			
	1.4072	O		0.8584		T	0.02	O			
1.405-1.414		O	0.935-0.940			O					
	1.405-1.411			0.937-0.943							
	1.405-1.412		0.935-0.940								
	1.405-1.412		0.935-0.940								
1.406	1.409	O	0.937			O					
1.406	1.408	O	0.938			O					
1.406	1.408	O	0.937			O					
1.406	1.408	O	0.937			O					
1.407	1.409	O	0.938	0.941		O					
1.406	1.409	O	0.937			O					
1.406	1.408	O	0.937			O					
	1.4085	T		0.9407		O		O			
	1.4085	T		0.9409		O		O			
	1.4085	T		0.9407		O		O			
	1.4085	T		0.9409		O		O			
	1.4085	T	0.9377	0.9407		O		O			
1.358-1.363		O	0.927-0.932			O	1.0	O			
	1.359-1.365			0.925-0.940			1				
	1.358-1.363		0.927-0.932				1.0				
	1.358-1.363		0.927-0.932				1.0				
	1.361	O	0.930			O	0.65	O			
	1.361	O	0.930			O	0.05	O			
	1.359	O	0.930			O	0.04	O			
	1.361	O	0.930			O	0.39	O			
	1.361	O	0.927			O	0.21	O			
	1.361	O		0.935		Z	0.11	O			
1.3594	1.3614		0.9323	0.9352			0.2				
	1.361	O	0.931	0.935		O	0.07	O			
	1.361	O		0.935		Z	0.05	O			
	1.361	O	0.930			O	0.15	O			
	1.361	O	0.930			O	0.19	O			
	1.361	O		0.936		H	0.12	O			
	1.361	O		0.936		H	0.05	O			
	1.361	O				J		J			
	1.361	O				J		J			
	1.361	O				J		J			
	1.361	O				J		J			
	1.361	O		0.935		O	0.08	O			
	1.3613	O		0.9335		O		J			
	1.3614	O		0.9353		O	0.03	O			
	1.3614	O		0.9353		O	0.05	O			
	1.3615	O		0.9339		O		J			
	1.3615	O		0.9336		O		J			
	1.362	O				J		J			
1.382-1.387		O	0.880-0.886			O	1.0	O			
	1.380-1.390			0.884-0.894			1				
	1.382-1.387		0.880-0.886				1.0				
	1.382-1.387		0.880-0.886				1.0				
	1.384	O	0.885			O	0.08	O			
	1.384	O		0.890		O	0.08	O			
	1.384	O		0.890		O	0.05	O			
	1.384	O		0.889		O	0.11	O			
	1.3843	O		0.8896		O	0.06	O			
	1.3843	O		0.8896		O	0.05	O			
	1.3843	O		0.8897		O	0.06	O			
	1.3843	O		0.8895		O	0.01	O			
	1.3843	O		0.8897		O	0.06	O			
	1.3843	O		0.8897		O	0.02	O			
	1.3843	O		0.8896		O	0.02	O			
	1.3843	O		0.8897		O	0.04	O			
	1.3843	O	0.8851	0.8897		O	0.02	O			
1.411-1.417		O			0.87505	S	1.0	O			
	1.411-1.417			0.868-0.874			1				
	1.411-1.417		0.866-0.872				1.0				
	1.415	O	0.869	0.872		S	0.05	O			
	1.415	O		0.872	0.876	S	1.55	H			
	1.415	O		0.872	0.876	S	0.03	O			
	1.415	O		0.872		S	0.03	O			
	1.415	O		0.872	0.876	S	0.23	O			
	1.415	O		0.872		S	0.03	O			
	1.415	O		0.872	0.876	S	0.05	O			
	1.4147	O		0.8722		T	0.04	O			
	1.4147	O	0.8687			T		J			
	1.415	O		0.872		T		J			

屈折率 (25°C)	屈折率 (20°C)	判定	比重(25°C)	比重(20°C)	比重(15°C)	判定	酸価	判定	旋光度	(比)旋光度	判定
	1.4146	O		0.8722		T	0.05	O			
	1.4146	O	0.8692	0.8722		O	0.05	O			
	1.4147	O		0.8722		T	0.05	O			
	1.4147	O		0.8722		T	0.04	O			
	1.4147	O		0.8722		T	0.04	O			
	1.391-1.396	O	0.873-0.879			Q	1.0	O			
	1.390-1.396			0.880-0.886			1				
	1.391-1.396		0.873-0.879				1.0				
	1.391-1.396		0.877-0.883				1.0				
	1.393	O		0.883		H	0.09	O			
	1.393	O	0.879			O	0.34	O			
	1.391	O	0.878			O	0.11	O			
	1.393	O	0.878	0.883		O	0.12	O			
	1.393	O		0.883		Z	0.02	O			
	1.393	O	0.880	0.883		H	0.14	O			
	1.393	O		0.883		Z	0.03	O			
	1.393	O		0.883		Z	0.02	O			
	1.393	O		0.883		Z	0.12	O			
	1.393	O		0.883		Z	0.03	O			
	1.393	O		0.883		H		J			
	1.3932	O		0.8827		H	0.09	O			
	1.3933	O	0.8784			O		J			
	1.4012	X		0.8779		O	0.03	O			
	1.393	O		0.8829		H	0.03	O			
	1.393	O		0.883		H	0.16	O			
	1.393	O		0.883		H	0.03	O			
	1.3931	O		0.883		H	0.72	O			
	1.3932	O		0.8827		H	0.09	O			
	1.3932	O		0.8827		H	0.09	O			
	1.3932	O		0.8827		H	0.09	O			
	1.3932	O	0.8797	0.8827		H	0.09	O			
	1.409-1.413	O	0.865-0.871			O		N			
	1.408-1.418			0.864-0.874			1				
	1.409-1.413		0.865-0.871				1.0				
	1.412	O	0.866	0.867		O	0.2	N			
	1.412	O	0.865	0.869		O	0.1	N			
	1.412	O	0.866			O					
	1.412	O		0.869		Z	0.02	N			
	1.412	O	0.865			O					
	1.412	O		0.869		Z	0.09	N			
	1.142	L		0.869		O	0.04	N			
	1.412	O		0.8688		O	0.04	N			
	1.4122	O		0.867		L		O			
	1.4122	O		0.8689		O	0	N			
	1.4122	O		0.8688		O	0	N			
	1.4122	O		0.8689		O	0.01	N			
	1.4122	O		0.8689		O	0.01	N			
	1.4122	O		0.8689		O	0.01	N			
	1.4122	O		0.8689		O	0.01	N			
	1.4122	O		0.8689		O	0.01	N			
	1.4123	O		0.8672		L		O			
	1.4123	O	0.8663	0.8688		O	0.2	N			
	1.4123	O		0.8689		O	0.04	N			
	1.4123	O		0.8688		O	0.04	N			
	1.4124	O		0.8672		L		O			
	1.4124	O		0.8689		O	0	N			
	1.434-1.454	O	1.120-1.130			O					
	1.432-1.442			1.125-1.135			3				
	1.430-1.440		1.120-1.130								
	1.430-1.440		1.120-1.130				設定を見 送った				
1.435	1.437	O	1.126			O					
1.434	1.437	O	1.127			O					
1.436	1.437	O	1.129			O					
1.433	1.435	L	1.127			O					
1.435	1.437	O	1.128			O					
1.435	1.437	O	1.128			O					
1.435	1.437	O	1.128			O					
	1.4364	T		1.129		O		O			
	1.4368	T		1.1315		O	0.13	N			
	1.437	T		1.1315		O	0.11	N			
	1.437	T	1.127			O		O			
	1.437	T	1.127			O		O			
	1.437	T	1.127			O		O			
	1.437	T		1.131		O		O			
	1.437	T		1.1314		O	0.09	N			
	1.4371	T		1.129		O		O			
	1.452-1.458	O	0.994-0.999			L		N			
	1.454-1.460			0.985-0.991			5				
	1.454-1.459		0.980-0.986								
	1.452-1.458		0.980-0.986				5.0				
1.455	1.457	O	0.983	0.985		L	0.12	N			

JECFA No	データ	品目名	含量	GC異性体合算%	測定法	含量備考	判定	融点	凝固点	判定
230	2014実測値Ⅱ	Hydroxynonanoic acid delta-lactone	99.91				O			
230	2014実測値Ⅱ	Hydroxynonanoic acid delta-lactone	99.94				O			
230	2014実測値Ⅱ	Hydroxynonanoic acid delta-lactone	100				O			
230	2014実測値Ⅱ	Hydroxynonanoic acid delta-lactone	98.776				O			
230	2014実測値Ⅱ	Hydroxynonanoic acid delta-lactone	98.755				O			
230	2013実測値Ⅰ	delta-nonalactone	99.9				O			O
230	2013実測値Ⅰ	delta-nonalactone	99.91				O			O
230	2013実測値Ⅰ	delta-nonalactone	99.94				O			O
230	2013実測値Ⅰ	delta-nonalactone	100				O			O
230	2013実測値Ⅰ	delta-nonalactone	100				O			O
230	2013実測値Ⅰ	delta-nonalactone	99.72			含量(異性体含む)	O			O
230	2013実測値Ⅰ	delta-nonalactone	99.9			含量(異性体含む)	O			O
230	2013実測値Ⅰ	delta-nonalactone	99.92			含量(異性体含む)	O			O
230	2013実測値Ⅰ	delta-nonalactone	99.91				O			O
230	2013実測値Ⅰ	delta-nonalactone	99.94				O			O
230	2013実測値Ⅰ	delta-nonalactone	99.97				O			O
230	2013実測値Ⅰ	delta-nonalactone	99.95				O			O
230	2013実測値Ⅰ	delta-nonalactone	99.9				O			O
239	JECFA	omega-Pentadecalactone	98				O	32		S
239	JFFMA	1,15-pentadecanolide	98						32-38	
239	FCC	ω-Pentadecalactone	99			GC(M-1b)			<35	
239	案	omega-Pentadecalactone	98						32-38	
239	2014実測値Ⅱ	omega-Pentadecalactone	99.67				O		36.2	S
239	2014実測値Ⅱ	omega-Pentadecalactone	99.52				O	35.2		S
239	2014実測値Ⅱ	omega-Pentadecalactone	98.8				O	36.0		S
239	2014実測値Ⅱ	omega-Pentadecalactone	99.1				O		33.8	S
239	2014実測値Ⅱ	omega-Pentadecalactone	99.59				O	34.8		S
239	2013実測値Ⅰ	15-pentadecanolide	99.67				O		36.2	M
239	2013実測値Ⅰ	15-pentadecanolide	99.73				O		36.2	M
239	2013実測値Ⅰ	15-pentadecanolide	99.51				O		36.2	M
239	2013実測値Ⅰ	15-pentadecanolide	99.78				O		36.2	M
239	2013実測値Ⅰ	15-pentadecanolide	99.3				O		34.1	M
243	JECFA	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one	97.5				O	25		S
243	JFFMA	3-hydroxy-4,5-dimethyl-2(5H)-furanone	97					25-29		
243	案	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one	97.5					設定できない		
243	2014実測値Ⅱ	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one	99.09				O			
243	2014実測値Ⅱ	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one							23.2	S
243	2014実測値Ⅱ	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one	96.3			50%PG希釈品	X			
243	2014実測値Ⅱ	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one				ethanol 92%				
243	2014実測値Ⅱ	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one				ethanol 92%				
243	2014実測値Ⅱ	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one				ethanol 92%				
243	2014実測値Ⅱ	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one	99.754				O			
243	2014実測値Ⅱ	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one	99.714				O			
243	2013実測値Ⅰ	2-hydroxy-3-methyl-2-penten-4-olide					J			J
243	2013実測値Ⅰ	2-hydroxy-3-methyl-2-penten-4-olide					J			J
243	2013実測値Ⅰ	2-hydroxy-3-methyl-2-penten-4-olide					J			J
243	2013実測値Ⅰ	2-hydroxy-3-methyl-2-penten-4-olide	98.6				O			J
243	2013実測値Ⅰ	2-hydroxy-3-methyl-2-penten-4-olide	99.3				O			J
243	2013実測値Ⅰ	2-hydroxy-3-methyl-2-penten-4-olide	98.2				O	29		O
243	2013実測値Ⅰ	2-hydroxy-3-methyl-2-penten-4-olide	98.8				O			J
243	2013実測値Ⅰ	2-hydroxy-3-methyl-2-penten-4-olide	99.4				O			J
243	2013実測値Ⅰ	2-hydroxy-3-methyl-2-penten-4-olide	99.5				O			J
278	JECFA	2-Butanone	99.5				O			
278	JFFMA	methyl ethyl ketone	98							
278	FCC	2-Butanone	99.5			GC(M-1b)				
278	案	2-Butanone	99.5							
278	2014実測値Ⅱ	2-Butanone	99.97				O			
278	2014実測値Ⅱ	2-Butanone	99.8				O			
278	2014実測値Ⅱ	2-Butanone	100				O			
278	2014実測値Ⅱ	2-Butanone	99.9				O			
278	2014実測値Ⅱ	2-Butanone					O			
278	2014実測値Ⅱ	2-Butanone	100.0				O			
278	2014実測値Ⅱ	2-Butanone	99.952				O			
278	2014実測値Ⅱ	2-Butanone	99.938				O			
278	2013実測値Ⅰ	2-butanone	99.9				O			O
278	2013実測値Ⅰ	2-butanone	99.5				O			O
278	2013実測値Ⅰ	2-butanone	99.8				O			O

屈折率 (25°C)	屈折率 (20°C)	判定	比重(25°C)	比重(20°C)	比重(15°C)	判定	酸価	判定	旋光度	(比)旋光度	判定
	1.457	O	0.982	0.985		L	0.23	N			
	1.457	O		0.985		Z	0.16	N			
	1.457	O		0.985		Z	0.12	N			
	1.457	O	0.982			L					
	1.457	O	0.982			L					
	1.457	O		0.985		L	0.12	N			
	1.4572	O		0.985		L	0.23	N			
	1.4572	O		0.985		L	0.12	N			
	1.4572	O		0.985		L	0.15	N			
	1.4572	O		0.985		L	0.12	N			
	1.4572	O		0.985		L	0	N			
	1.4572	O		0.985		L	0.08	N			
	1.4572	O		0.985		L	0.13	N			
	1.4572	O		0.985		L	0.23	N			
	1.4572	O		0.985		L	0.12	N			
	1.4572	O		0.985		L	0.35	N			
	1.4573	O		0.985		L	0.42	N			
	1.4573	O		0.9851		L	0.73	N			
							1.0	△			
							1				
							1.0				
							0.00	O			
		O				O	0	O			
		O				O	0.1	O			
		O				O	0	O			
		O				O	0	O			
		O				O		J			
	1.3681			0.821							
	1.3680			0.8210							
	1.3680			0.8210							
	1.3681			0.8210							
	1.368	N		0.821		N		O			
	1.368	N		0.821		N		O			
	1.3681	N		0.821		N		O			
	1.492	N				O		O			
	1.494	N				O		O			
		O				O		O			
		O				O		O			
		O				O		O			
		O				O		O			
		O				O		O			
	1.375-1.384	O	0.801-0.803			O	2.0	O			
	1.376-1.382			0.803-0.810							
	1.375-1.384		0.801-0.803				2.0 (M-15)				
	1.375-1.384		0.801-0.803				設定不要				
	1.379	O	0.802	0.806		O	0	O			
	1.376	O	0.802			O	0.07	O			
	1.379	O	0.802			O	0.1以下	O			
	1.378	O		0.806			0.09	O			
1.3776	1.3796		0.8029	0.806			0.34				
	1.379	O	0.802			O	0.2	O			
	1.379	O	0.802			O	0.04	O			
	1.379	O	0.802			O	0.07	O			
	1.373	X		0.806		O	0.05	O			
	1.378	O		0.806		O	0.05	O			
	1.378	O		0.806		O	0.05	O			

JECFA No	データ	品目名	含量	GC異性体合算%	測定法	含量備考	判定	融点	凝固点	判定
278	2013実測値 I	2-butanone	99.9				O			O
278	2013実測値 I	2-butanone	99.9				O			O
278	2013実測値 I	2-butanone	99.9				O			O
278	2013実測値 I	2-butanone	99.5				O			O
278	2013実測値 I	2-butanone	99.9				O			O
278	2013実測値 I	2-butanone	99.9				O			O
278	2013実測値 I	2-butanone	99.9				O			O
278	2013実測値 I	2-butanone	99.9				O			O
278	2013実測値 I	2-butanone	99.9				O			O
283	JECFA	2-Heptanone	95				O			
283	JFFMA	2-heptanone	95							
283	FCC	2-Heptanone	95			GC(M-1b)				
283	案	2-Heptanone	95							
283	2014実測値 II	2-Heptanone	99.7				O			
283	2014実測値 II	2-Heptanone	99.7				O			
283	2014実測値 II	2-Heptanone	99.8				O			
283	2014実測値 II	2-Heptanone	99.6				O			
283	2014実測値 II	2-Heptanone	99.6				O			
283	2014実測値 II	2-Heptanone	99.7				O			
283	2014実測値 II	2-Heptanone	99.8				O			
283	2014実測値 II	2-Heptanone	99.71				O			
283	2014実測値 II	2-Heptanone	99.784				O			
283	2013実測値 I	2-heptanone	99.8				M			O
283	2013実測値 I	2-heptanone					J			O
283	2013実測値 I	2-heptanone	99.8				O			O
283	2013実測値 I	2-heptanone	99.8				O			O
283	2013実測値 I	2-heptanone	99.8				O			O
283	2013実測値 I	2-heptanone	99.7				O			O
283	2013実測値 I	2-heptanone	99.8				O			O
283	2013実測値 I	2-heptanone	99.8				O			O
283	2013実測値 I	2-heptanone	99.8				O			O
349	JECFA	2,6-Dimethyl-5-heptenal	85				O			
349	JFFMA	2,6-dimethyl-5-heptenal	80			SC:6-methyl-5-hepten-2-one 10-15%				
349	FCC	2,6-Dimethyl-5-heptenal	85			Chem (M-2d; 1 g/14.01)				
349	案	2,6-Dimethyl-5-heptenal	85							
349	2014実測値 II	2,6-Dimethyl-5-heptenal	90.2				O			
349	2014実測値 II	2,6-Dimethyl-5-heptenal	91.6				O			
349	2014実測値 II	2,6-Dimethyl-5-heptenal	97.85				O			
349	2014実測値 II	2,6-Dimethyl-5-heptenal	88.07				O			
349	2014実測値 II	2,6-Dimethyl-5-heptenal	88.6				O			
349	2014実測値 II	2,6-Dimethyl-5-heptenal								
349	2014実測値 II	2,6-Dimethyl-5-heptenal	87.6				O			
349	2014実測値 II	2,6-Dimethyl-5-heptenal	89.1				O			
349	2013実測値 I	2,6-dimethyl-5-heptenal	90			異性体合算	M			O
349	2013実測値 I	2,6-dimethyl-5-heptenal	96.5			異性体合算	M			O
349	2013実測値 I	2,6-dimethyl-5-heptenal					J			O
349	2013実測値 I	2,6-dimethyl-5-heptenal	87.1				O			O
349	2013実測値 I	2,6-dimethyl-5-heptenal	88				O			O
349	2013実測値 I	2,6-dimethyl-5-heptenal	88				O			O
349	2013実測値 I	2,6-dimethyl-5-heptenal	87.7			isomer 0.7%	O			O
349	2013実測値 I	2,6-dimethyl-5-heptenal	88.2			isomer 0.5%	O			O
349	2013実測値 I	2,6-dimethyl-5-heptenal	88.6			isomer 0.5%	O			O
349	2013実測値 I	2,6-dimethyl-5-heptenal	88.2			isomer (0.5)	O			O
349	2013実測値 I	2,6-dimethyl-5-heptenal	88.6			isomer (0.5)	O			O
349	2013実測値 I	2,6-dimethyl-5-heptenal	88.6			isomer (0.5)	O			O
349	2013実測値 I	2,6-dimethyl-5-heptenal	91.8				O			O
380.1	JECFA	d-Carvone	95				O			
380.1	JFFMA	d-carvone	96							
380.1	FCC	d-Carvone	95			GC(M-1b)				
380.1	案	d-Carvone	95							
380.1	2014実測値 II	d-Carvone	99.2				O			
380.1	2014実測値 II	d-Carvone	99.5				O			
380.1	2014実測値 II	d-Carvone	99.6				O			
380.1	2014実測値 II	d-Carvone	99				O			
380.1	2014実測値 II	d-Carvone								
380.1	2014実測値 II	d-Carvone	99.6				O			
380.1	2013実測値 I	d-carvone	99.7				O			O
380.1	2013実測値 I	d-carvone	98.9			α terpineol 0.4%, epoxy-carvone 0.2%	O			O
380.1	2013実測値 I	d-carvone	96.3				O			O
380.1	2013実測値 I	d-carvone	99.6				O			O
380.1	2013実測値 I	d-carvone	100				O			O
380.1	2013実測値 I	d-carvone	99.5				O			O
380.1	2013実測値 I	d-carvone	99.8				O			O
380.1	2013実測値 I	d-carvone	100				O			O
380.1	2013実測値 I	d-carvone	99.9				O			O
380.1	2013実測値 I	d-carvone	99.2				O			O
388	JECFA	alpha-Ionone	85			min. 95% sum of isomers	Q			
388	JFFMA	alpha-ionone	90			sum of α -, β -, γ -ionone				
388	FCC	α -Ionone	85			97.0%:sum of α -, β -, γ -, and δ -isomers /GC(M1-b)				
388	案	alpha-Ionone	設定できない			設定できない				
388	2014実測値 II	alpha-Ionone	88.5				OZ			
388	2014実測値 II	alpha-Ionone	72.0			88.4: sum of isomers	LL			
388	2014実測値 II	alpha-Ionone	83.7			95: sum of isomers	LO			
388	2014実測値 II	alpha-Ionone	85.9			92.1: sum of isomers	OL			
388	2014実測値 II	alpha-Ionone	76.5			98.1: sum of isomers	LO			
388	2014実測値 II	alpha-Ionone	74.4			93: sum of isomers	LL			
388	2014実測値 II	alpha-Ionone	97.9				Z			
388	2013実測値 I	alpha-ionone					J			O
388	2013実測値 I	alpha-ionone					J			O
388	2013実測値 I	alpha-ionone					J			O
388	2013実測値 I	alpha-ionone				96.3: sum of isomers	M			O

屈折率 (25°C)	屈折率 (20°C)	判定	比重(25°C)	比重(20°C)	比重(15°C)	判定	酸価	判定	旋光度	(比)旋光度	判定
	1.3786	O	0.8039	0.8063		H	0	O			
	1.3786	O				J		J			
	1.3786	O		0.8056		O		J			
	1.3787	O		0.8062		T	0.08	O			
	1.3787	O		0.8049		O		J			
	1.3787	O		0.8044		O		J			
	1.3789	O		0.8049		O		J			
	1.379	O				J	0	O			
	1.379	O				J		J			
	1.405-1.411	O	0.814-0.819			L	2.0	O			
	1.404-1.414			0.812-0.822							
	1.405-1.411		0.811-0.816				2.0				
	1.405-1.411		0.811-0.816				設定不要				
	1.409	O	0.813	0.817		L	0.03	O			
	1.409	O	0.814			O		Z			
	1.409	O	0.813	0.817		L	0.09	O			
	1.409	O	0.814	0.817		O		Z			
	1.409	O		0.817		Z	0.51	O			
	1.409	O		0.817		Z	0.03	O			
	1.409	O		0.817		Z	0.09	O			
	1.409	O	0.813			L		Z			
	1.409	O	0.813			L		Z			
	1.4091	O		0.8165		L	0.09	O			
	1.4091	O	0.8131			L		J			
	1.4089	O		0.8165		L		J			
	1.409	O		0.8165		L	0.04	O			
	1.4091	O		0.8165		L	0.09	O			
	1.4091	O		0.8165		L	0.06	O			
	1.4091	O		0.8165		L	0.04	O			
	1.4091	O		0.8165		L	0.04	O			
	1.4091	O		0.8165		L	0.09	O			
	1.442-1.448	Q	0.845-0.854			O	5	O			
	1.438-1.450			0.849-0.861			10				
	1.442-1.447		0.848-0.854				5.0				
	1.438-1.448		0.845-0.854				5				
	1.441	L		0.846		Z		J			
	1.445	O	0.851			O	0.3	O			
	1.443	O	0.848			O	1.06	O			
	1.443	O	0.850			O	0.48	O			
	1.443	O	0.848			O	0.4	O			
1.4409	1.44289		0.846	0.849			0.26				
	1.444	O	0.850			O	0.3	O			
	1.443	O	0.848			O	0.4	O			
	1.443	O		0.856		O		J			
	1.4432	O		0.8523		O	0.56	O			
	1.4441	O	0.8548	0.8573		H		J			
	1.441	L		0.851		O		J			
	1.441	L		0.846		L		J			
	1.441	L		0.845		L		J			
	1.443	O	0.85			O	1.7	O			
	1.443	O	0.848			O	1	O			
	1.443	O	0.848			O	0.3	O			
	1.443	O	0.848			O	1	O			
	1.443	O	0.848			O	0.4	O			
	1.443	O	0.848			O		J			
	1.4433	O		0.8541		O		J			
	1.496-1.499	O	0.955-0.960			O			+50 to +60		△
	1.494-1.503			0.953-0.963					+47 to +61	47	
	1.496-1.499		0.955-0.960						50 to 60	50	
	1.494-1.503		0.955-0.965						+50 to +60		
	1.499	O	0.965	0.966		H			55.588		
	1.499	O	0.960			O					
	1.499	O	0.959			O					
	1.499	O	0.959			O					
1.4971	1.4991		0.959	0.9619					49.5		
	1.499	O	0.959			O					
	1.4491	X		0.9618		O		O	57.25(20°C)		
		J		0.9646		H		O			
	1.498	O	0.9579	0.9609		O		O	55.45(20°C)		
	1.4989	O		0.9617		O		O	58.49(20°C)		
	1.4989	O		0.9618		O		O	57.91(20°C)		
	1.499	O	0.9585			O		O			
	1.499	O		0.9615		O		O	+58.11(20°C)		
	1.499	O		0.9625		O		O	+56.50(20°C)		
	1.499	O		0.963		O		O	+55.62(20°C)		
	1.4991	O	0.9628	0.9655		H		O	55.59(20°C)		
	1.497-1.502	O	0.927-0.933			O					
	1.493-1.522			0.924-0.948							
	1.497-1.502		0.927-0.933								
	設定できない		設定できない								
	1.500	O	0.931	0.932		O					
	1.499	O	0.930			O					
	1.500	O	0.931			O					
	1.498	O	0.930			O					
	1.502	O	0.935			H					
	1.503	H	0.932			O					
	1.500	O	0.930			O					
	1.4974	O		0.9318		O		O			
	1.499	O		0.933		O		O			
	1.5018	O		0.9344		O		O			
	1.5021	O		0.9346		O		O			

JECFA No	データ	品目名	含量	GC異性体合算%	測定法	含量備考	判定	融点	凝固点	判定
388	2013実測値 I	alpha-ionone				96.3 : sum of isomers	M			O
388	2013実測値 I	alpha-ionone				98.5 : sum of isomers	M			O
388	2013実測値 I	alpha-ionone				96.3 : sum of isomers	M			O
388	2013実測値 I	alpha-ionone	92.6			γ Ionone 5% β Ionone 0.5%	O			O
388	2013実測値 I	alpha-ionone	90.2			γ Ionone 5% β Ionone 0.5%	O			O
388	2013実測値 I	alpha-ionone	90.2				O			O
388	2013実測値 I	alpha-ionone	90.1				O			O
388	2013実測値 I	alpha-ionone	90.2				O			O
388	2013実測値 I	alpha-ionone	90.1			γ Ionone 5% β Ionone 0.5%	O			O
388	2013実測値 I	alpha-ionone	72.25	98.76		β : 7.81, mix: 98.76	L			O
388	2013実測値 I	alpha-ionone	75.2	98.59		β : 5.20, mix: 98.59	L			O
388	2013実測値 I	alpha-ionone	74.7	97.84		β : 6.00, 97.84: 97.84	L			O
388	2013実測値 I	alpha-ionone	98.5				O			O
389	JECFA	beta-ionone	95			Total content of ionones: >= 97%	O			
389	JFFMA	beta-ionone	90			SC: alpha: < 4%, pseudo ionones: < 2%				
389	FCC	β-Ionone	97			GC(M-1b)				
389	案	beta-ionone	95			Total content of ionones: >= 97%				
389	2014実測値 II	beta-Ionone	97.3				O			
389	2014実測値 II	beta-Ionone	98.03				O			
389	2014実測値 II	beta-Ionone	98.35				O			
389	2014実測値 II	beta-Ionone	98.6				O			
389	2014実測値 II	beta-Ionone	98.2				O			
389	2014実測値 II	beta-Ionone	98.3				O			
389	2014実測値 II	beta-Ionone	97.7				O			
389	2013実測値 I	beta-ionone	97.09				O			O
389	2013実測値 I	beta-ionone					O			O
389	2013実測値 I	beta-ionone	97.5				O			O
389	2013実測値 I	beta-ionone	98.7				O			O
389	2013実測値 I	beta-ionone					O			O
405	JECFA	Acetoin	96				O			
405	JFFMA	acetoin	95							
405	FCC	Acetoin(monomer)	96			GC(M-1b)				
405	案	Acetoin	96							
405	2014実測値 II	Acetoin	98.1				O			
405	2014実測値 II	Acetoin	99.73				O			
405	2014実測値 II	Acetoin	99.2				O			
405	2014実測値 II	Acetoin	99.89				O			
405	2014実測値 II	Acetoin	99.0				O			
405	2014実測値 II	Acetoin	99.0				O			
405	2014実測値 II	Acetoin	99.1				O			
405	2014実測値 II	Acetoin	99.678				O			
405	2014実測値 II	Acetoin	99.691				O			
405	2014実測値 II	Acetoin	98.9				O			
405	2013実測値 I	acetoin	98				O			O
405	2013実測値 I	acetoin	99.1				O			O
405	2013実測値 I	acetoin	99.6				O			O
405	2013実測値 I	acetoin	99				O			O
410	JECFA	2,3-pentadione	93				O			
410	JFFMA	2,3-pentanedione	93							
410	FCC	2,3-Pentanedione	93			GC(M-1b)				
410	案	2,3-pentadione	93							
410	2014実測値 II	2,3-Pentadione	98.72				O			
410	2014実測値 II	2,3-Pentadione	96.8				O			
410	2014実測値 II	2,3-Pentadione	98.2				O			
410	2014実測値 II	2,3-Pentadione	99.1				O			
410	2014実測値 II	2,3-Pentadione	95.84				O			
410	2014実測値 II	2,3-Pentadione	97.79				O			
410	2014実測値 II	2,3-Pentadione	99.026				O			
410	2014実測値 II	2,3-Pentadione	99.348				O			
410	2013実測値 I	2,3-pentanedione					J			O
410	2013実測値 I	2,3-pentanedione					J			O
410	2013実測値 I	2,3-pentanedione					J			O
410	2013実測値 I	2,3-pentanedione	97.7				O			O
410	2013実測値 I	2,3-pentanedione	98.2				O			O
410	2013実測値 I	2,3-pentanedione	98.7				O			O
418	JECFA	methylcyclopentenolone	95				O	104 to 108		O
418	JFFMA	cyclotene	95					104-108		
418	FCC	Methyl Cyclopentenolone						104 to 108		
418	案	methylcyclopentenolone	95					104-108		
418	2014実測値 II	Methylcyclo- pentenolone	100				O			Z
418	2014実測値 II	Methylcyclo- pentenolone				98%	M	106		O
418	2014実測値 II	Methylcyclo- pentenolone	99.23				O	105.9		O
418	2014実測値 II	Methylcyclo- pentenolone						106.2		
418	2014実測値 II	Methylcyclo- pentenolone						106.4		
418	2014実測値 II	Methylcyclo- pentenolone						105.9		
418	2014実測値 II	Methylcyclo- pentenolone	99.101				O	104		O
418	2014実測値 II	Methylcyclo- pentenolone	99.819				O	105		O
418	2014実測値 II	Methylcyclo- pentenolone	100				O	105.6		O
418	2014実測値 II	Methylcyclo- pentenolone	99.9				O	105		O
418	2013実測値 I	cyclotene					J	106.4		O
418	2013実測値 I	cyclotene	100				O	106.3		O
433	JECFA	(-)-menthyl lactate	97				O	25		O
433	JFFMA	l-menthyl lactate	95					37-43		
433	案	(-)-menthyl lactate	97					設定できない		
433	2014実測値 II	l-Menthyl lactate	99.4				O	44.5		H
433	2014実測値 II	l-Menthyl lactate	99.7				O			
433	2014実測値 II	l-Menthyl lactate	97				O		42.2~44.0	M
433	2014実測値 II	l-Menthyl lactate	99				O		40	M
433	2014実測値 II	l-Menthyl lactate				2E-7合算 99.6% (49.44%+50.17%)	O		18.2	M

屈折率 (25°C)	屈折率 (20°C)	判定	比重(25°C)	比重(20°C)	比重(15°C)	判定	酸価	判定	旋光度	(比)旋光度	判定
	1.5022	O		0.9346		O		O			
	1.5022	O		0.9341		O		O			
	1.5022	O		0.9346		O		O			
	1.497	O	0.9278	0.9305		O		O			
	1.497	O	0.9276	0.93		O		O			
	1.4971	O		0.930146359		O		O			
	1.4972	O		0.929946004		L		O			
	1.4972	O		0.930146359		O		O			
	1.4972	O	0.927	0.9304		O		O			
	1.4973	O		0.9329		O	0.3	N			
	1.4977	O		0.9326		O	0.1	N			
	1.4983	O		0.9327		O	0.1	N			
	1.5022	O		0.9341		O		O			
1.517-1.522		O	0.940-0.947			O					
1.508-1.525				0.930-0.950							
1.517-1.522			0.940-0.947								
1.517-1.522			0.940-0.947								
1.518	1.521	O	0.946			O					
	1.521	O	0.945	0.948		O					
	1.521	O		0.943							
	1.521	O	0.943	0.946		O					
	1.520	O	0.942			O					
	1.521	O		0.945							
	1.521	O		0.946							
	1.52	O	0.943			O	0.1607	N			
	1.5204	O		0.943		O		O			
	1.5209	O		0.9458		O		O			
	1.5209	O		0.9452		O		O			
1.521	O		0.942		L		O				
1.417-1.420		Q	1.005-1.019			Q					
1.414-1.424				0.997-1.014							
1.417-1.422			0.995-1.019								
1.414-1.424			0.995-1.019								
1.418	1.420	O	1.008			O					
	1.419	O	1.005	1.003		O	2.46				
	1.420	O		1.007		Z					
	1.419	O	1.003			L					
	1.421	H		1.011		Z					
	1.420	O		1.006		Z					
	1.419	O		1.004		Z					
	1.418	O	0.997			L					
	1.417	O	1.005			O					
	1.421	H	1.010			O					
	1.419	O		1.005		L		O			
1.4192	O		1.0042		L		O				
1.4192	O		1.0046		L	0.95	N				
1.4198	O		1.0064		L		O				
1.402-1.406		Q	0.979-0.985			L					
1.398-1.408				0.957-0.967							
1.402-1.406			0.952-0.962								
1.398-1.408			0.952-0.962								
1.403	O	0.959				L					
1.403	O	0.959				L					
1.401	L	0.958				L					
1.421	H	1.003				H					
1.405	O	0.971				L					
1.405	O	0.961				L					
1.403	O	0.957				L					
1.403	O	0.958				L					
1.4032	O	0.9617				L		O			
1.404	O	0.957				L		O			
1.407	X		0.97			L		O			
1.4029	O		0.9606			L		O			
1.403	O	0.953	0.956			L		O			
1.4032	O	0.9571				L		O			
1.454-1.460			0.980-0.984				2.0 2 設定を見 送った	J	-69 to -73		Q

JECFA No	データ	品目名	含量	GC異性体合算%	測定法	含量備考	判定	融点	凝固点	判定
433	2014実測値Ⅱ	l-Menthyl lactate	100.0				O			
433	2013実測値Ⅰ	l-menthyl lactate	98~103				M		42.0	M
433	2013実測値Ⅰ	l-menthyl lactate					J			J
433	2013実測値Ⅰ	l-menthyl lactate	100				M			J
433	2013実測値Ⅰ	l-menthyl lactate	100				M			J
433	2013実測値Ⅰ	l-menthyl lactate				isomers	J			J
433	2013実測値Ⅰ	l-menthyl lactate	96			dmenthyl lactate 3.8%	L			J
433	2013実測値Ⅰ	l-menthyl lactate	99.76				O			J
433	2013実測値Ⅰ	l-menthyl lactate	99.54				O	46.5		O
433	2013実測値Ⅰ	l-menthyl lactate	98.5				O			J
433	2013実測値Ⅰ	l-menthyl lactate	98.8				O			J
433	2013実測値Ⅰ	l-menthyl lactate	99.7				O			J
433	2013実測値Ⅰ	l-menthyl lactate	99.5			isomers	O			J
433	2013実測値Ⅰ	l-menthyl lactate	99.5				O			J
433	2013実測値Ⅰ	l-menthyl lactate	99.7				O	45.1		O
433	2013実測値Ⅰ	l-menthyl lactate	99.8				O	44.8		O
433	2013実測値Ⅰ	l-menthyl lactate	99.5				O	44.6		O
433	2013実測値Ⅰ	l-menthyl lactate	100				O			J
433	2013実測値Ⅰ	l-menthyl lactate	100				O			J
466	JECFA	3-(methylthio)propionaldehyde	98				O			
466	JFFMA	methional	90							
466	FCC	3-	98			GC(M-1a)				
466	案	3-(methylthio)propionaldehyde	98							
466	2014実測値Ⅱ	3-(Methylthio)propionaldehyde	99.1				O			
466	2014実測値Ⅱ	3-(Methylthio)propionaldehyde	99.4				O			
466	2014実測値Ⅱ	3-(Methylthio)propionaldehyde	99.6				O			
466	2014実測値Ⅱ	3-(Methylthio)propionaldehyde	99.4				O			
466	2014実測値Ⅱ	3-(Methylthio)propionaldehyde	99.5				O			
466	2014実測値Ⅱ	3-(Methylthio)propionaldehyde	99.8				O			
466	2014実測値Ⅱ	3-(Methylthio)propionaldehyde	99.633				O			
466	2014実測値Ⅱ	3-(Methylthio)propionaldehyde	99.915				O			
466	2013実測値Ⅰ	methional	99.5				O			O
466	2013実測値Ⅰ	methional					J			O
466	2013実測値Ⅰ	methional	97.2				L			O
466	2013実測値Ⅰ	methional	98.4				O			O
466	2013実測値Ⅰ	methional	99.1				O			O
466	2013実測値Ⅰ	methional	99.8				O			O
466	2013実測値Ⅰ	methional	99.8				O			O
466	2013実測値Ⅰ	methional	99.8				O			O
466	2013実測値Ⅰ	methional	99.56				O			O
466	2013実測値Ⅰ	methional	99.5				O			O
466	2013実測値Ⅰ	methional	99.75				O			O
466	2013実測値Ⅰ	methional	98.8				O			O
466	2013実測値Ⅰ	methional	99.1				O			O
466	2013実測値Ⅰ	methional	99.68				O			O
466	2013実測値Ⅰ	methional	98.3				O			O
629	JECFA	Triethyl citrate	99				O			
629	JFFMA	triethyl citrate	98							
629	FCC	Triethyl Citrate	99			chem				
629	2014実測値Ⅱ	Triethyl citrate	99.9				O			
629	2014実測値Ⅱ	Triethyl citrate	99.9				O			
629	2014実測値Ⅱ	Triethyl citrate	100				O			
629	2014実測値Ⅱ	Triethyl citrate	99.9				O			
629	2014実測値Ⅱ	Triethyl citrate	99.9				O			
629	2014実測値Ⅱ	Triethyl citrate	99.9				O			
629	2014実測値Ⅱ	Triethyl citrate	99.9				O			
629	2014実測値Ⅱ	Triethyl citrate	99.9				O			
629	2014実測値Ⅱ	Triethyl citrate	99.9				O			
629	2014実測値Ⅱ	Triethyl citrate	99.9				O			
629	2013実測値Ⅰ	triethyl citrate	99.9				O			O
629	2013実測値Ⅰ	triethyl citrate	99.9				O			O
629	2013実測値Ⅰ	triethyl citrate	99.9				O			O
629	2013実測値Ⅰ	triethyl citrate	99.8				O			O
629	2013実測値Ⅰ	triethyl citrate	99.8				O			O
629	2013実測値Ⅰ	triethyl citrate	99.8				O			O
629	2013実測値Ⅰ	triethyl citrate	99.9				O			O
629	2013実測値Ⅰ	triethyl citrate	99.9				O			O
629	2013実測値Ⅰ	triethyl citrate	99.9				O			O
629	2013実測値Ⅰ	triethyl citrate	99.9				O			O
629	2013実測値Ⅰ	triethyl citrate	99.9				O			O
629	2013実測値Ⅰ	triethyl citrate	99.8				O			O
688	JECFA	o-methoxycinnamaldehyde	94			min. 95% combined aldehyde and corresponding acid	△	45 to 46		Q
688	JFFMA	2-methoxycinnamaldehyde	96					45-49		
688	案	o-methoxycinnamaldehyde	94			min. 95% combined aldehyde and corresponding acid		42-49		
688	2014実測値Ⅱ	o-Methoxycinnamaldehyde	99.65	99.65		min. 95% combined aldehyde and corresponding acid	O	47.3		H
688	2014実測値Ⅱ	o-Methoxycinnamaldehyde				min. 95% combined aldehyde and corresponding acid		46.5		

屈折率 (25°C)	屈折率 (20°C)	判定	比重(25°C)	比重(20°C)	比重(15°C)	判定	酸価	判定	旋光度	(比)旋光度	判定
	1.447	N		0.927		N		J			
1.4541		N	0.9882			N		J			
	1.4578	N				O	0.11	O			
	1.4578	N				O	0.21	O			
		O				O		J			
		O				O		J			
		O				O		J			
		O				O	0.39	O	-88.7 (20°C)		
		O				O		J			
		O				O		J			
		O				O	0	O	-80.6		
		O				O	0	O	-79.9		
		O				O		J			
		O				O		J			
		O				O		J			
		O				O		J	-80.4 (20°C)		
		O				O		J	-80.9 (20°C)		
	1.479-1.493	O	1.037-1.052			O	10.0	O			
	1.479-1.493			1.037-1.060			10				
	1.484-1.493		1.038-1.048								
	1.479-1.493		1.037-1.052				10.0				
1.480	1.499	H	1.071	1.082		H	0.94	O			
	1.482	O	1.040			O					
	1.486	O		1.049		Z					
	1.482	O		1.042		Z					
	1.482	O		1.041		Z					
	1.482	O		1.041		Z					
	1.482	O	1.038			O	0.21	O			
	1.482	O	1.039			O	0.23	O			
	1.453	X		1.046		O		J			
	1.492	O		1.064		H		J			
	1.4955	H		1.0712		H		J			
	1.4801	O	1.0387	1.0417		O		J			
	1.482	O	1.038			O		J			
	1.4823	O		1.0412		O		J			
	1.4824	O		1.0411		O		J			
	1.4825	O		1.0416		O		J			
	1.483	O				J		J			
	1.484	O				J		J			
	1.4841	O		1.047453994		O		J			
	1.485	O	1.04			O		J			
	1.4857	O		1.051461086		O		J			
	1.486	O		1.0497		O		J			
	1.486	O	1.044			O		J			
	1.4948	H		1.074501868		H		J			
	1.4956	H		1.0711		H		J			
	1.440-1.444	o	1.138-1.139			O	0.02% as citric acid	Q			
	1.439-1.445			1.138-1.145			1				
	1.440-1.444		1.135-1.139				0.02				
	1.443	O	1.138			O					
	1.443	O		1.142		Z					
	1.443	O	1.139			O					
	1.443	O	1.140	1.142		H	0.07	Q			
	1.443	O	1.138			O					
	1.443	O	1.138			O					
	1.443	O	1.138			O					
	1.443	O	1.138			O					
	1.443	O		1.142		Z	0.06	Q			
	1.443	O		1.142		Z	0.04	Q			
	1.443	O		1.142		Z	0.07	Q			
	1.4426	O		1.1418		H	0.06	N			
	1.4427	O		1.142		H	0.07	N			
	1.4426	O		1.1421		H	0.04	N			
	1.4425	O		1.1425		O	0.01	N			
	1.4425	O		1.1425		O	0.01	N			
	1.4425	O		1.1422		O	0.01	N			
	1.4426	O		1.142		O	0.04	N			
	1.4426	O		1.142		O	0.07	N			
	1.4426	O		1.142		O	0.07	N			
	1.4426	O		1.142		O	0.04	N			
	1.4427	O		1.1422		O	0.01	N			
							5.0	△			
							5				
							設定できない				
							0.34	O			

JECFA No	データ	品目名	含量	GC異性体合算%	測定法	含量備考	判定	融点	凝固点	判定
688	2014実測値Ⅱ	o-Methoxycinnamaldehyde	99.9			min. 95% combined aldehyde and corresponding acid	O	44.5-48.0		LH
688	2014実測値Ⅱ	o-Methoxycinnamaldehyde				min. 95% combined aldehyde and corresponding acid				
688	2013実測値Ⅰ	2'-methoxycinnamaldehyde	96以上				M	48		H
688	2013実測値Ⅰ	2'-methoxycinnamaldehyde	99.8				O	49		H
688	2013実測値Ⅰ	2'-methoxycinnamaldehyde	99.2				O	47.5		H
688	2013実測値Ⅰ	2'-methoxycinnamaldehyde	94.8				O	42.1		M
710	JECFA	Carvacrol	98				O			
710	JFFMA	carvacrol	95							
710	FCC	Carvacrol	98			GC(M-1b)				
710	案	Carvacrol	98							
710	2014実測値Ⅱ	Carvacrol	99.89				O			
710	2014実測値Ⅱ	Carvacrol	100				O			
710	2014実測値Ⅱ	Carvacrol	99.95				O			
710	2014実測値Ⅱ	Carvacrol								
710	2014実測値Ⅱ	Carvacrol	100.0				O			
710	2014実測値Ⅱ	Carvacrol	99.89				O			
710	2013実測値Ⅰ	carvacrol					J			O
710	2013実測値Ⅰ	carvacrol	100				O			O
710	2013実測値Ⅰ	carvacrol	99.8				O			O
710	2013実測値Ⅰ	carvacrol	99.8				O			O
710	2013実測値Ⅰ	carvacrol	100				O			O
710	2013実測値Ⅰ	carvacrol	100				O			O
710	2013実測値Ⅰ	carvacrol	100				O			O
710	2013実測値Ⅰ	carvacrol	99.9				O			O
710	2013実測値Ⅰ	carvacrol	99.9				O			O
810	JECFA	Acetanisole	97			sum of o,m,p- isomers	O	36 to 38		Q
810	JFFMA	acetanisole	97					36-42		
810	FCC	Acetanisole	98			GC(M-1b)				
810	案	Acetanisole	97			sum of o,m,p- isomers		34-38		
810	2014実測値Ⅱ	Acetanisole	99.68			99.85: sum of o,m,p-	O	36.3		O
810	2014実測値Ⅱ	Acetanisole	99.7			sum of o,m,p- isomers	O	36		O
810	2014実測値Ⅱ	Acetanisole	99.84			sum of o,m,p- isomers	O	36.9		O
810	2014実測値Ⅱ	Acetanisole	99.8			sum of o,m,p- isomers	O			Z
810	2014実測値Ⅱ	Acetanisole				sum of o,m,p- isomers		39.1		
810	2014実測値Ⅱ	Acetanisole	99.7	99.7		sum of o,m,p- isomers	O	35.9		L
810	2013実測値Ⅰ	4-methoxyacetophenone	99.7				M		36.2	M
810	2013実測値Ⅰ	4-methoxyacetophenone					J	37.2		O
810	2013実測値Ⅰ	4-methoxyacetophenone	99.2				O		35.9	M
810	2013実測値Ⅰ	4-methoxyacetophenone	99.3				O		35.5	M
810	2013実測値Ⅰ	4-methoxyacetophenone	99.7				O		36.2	M
810	2013実測値Ⅰ	4-methoxyacetophenone	99.8				O	36		O
810	2013実測値Ⅰ	4-methoxyacetophenone	99.8				O		36	M
810	2013実測値Ⅰ	4-methoxyacetophenone	99.8				O		36.5	M
810	2013実測値Ⅰ	4-methoxyacetophenone	99.7				O		36.2	M
810	2013実測値Ⅰ	4-methoxyacetophenone	99.8				O		36.5	M
810	2013実測値Ⅰ	4-methoxyacetophenone	99.8				O		36.5	M
826	JECFA	(p-Methoxyphenyl)-1-penten-3-one	98				△	60		△
826	JFFMA	1-(4-methoxyphenyl)-1-penten-3-one	95					57-63		
826	FCC	Ethone	98			GC(M-1b)			min. 59.0	
826	案	(p-Methoxyphenyl)-1-penten-3-one	98					58-62		
826	2014実測値Ⅱ	1-(p-Methoxyphenyl)-1-penten-3-one	99.0				O	60		O
826	2013実測値Ⅰ	1-(4-methoxyphenyl)-1-penten-3-one	99.6				O	60.8		O
871	JECFA	Anisyl alcohol	97				O	24 to 25		Q
871	JFFMA	anisyl alcohol	97						23-27	
871	FCC	Anisyl Alcohol	97			GC(M-1b)			min. 23.5	
871	案	Anisyl alcohol	97						設定できない	
871	2014実測値Ⅱ	Anisyl alcohol	99.93				O	室温高いため測定できず	24.8	Z
871	2014実測値Ⅱ	Anisyl alcohol	99.6				O			J
871	2014実測値Ⅱ	Anisyl alcohol	99.6				O			J
871	2014実測値Ⅱ	Anisyl alcohol	99.57				O	24.5		O
871	2014実測値Ⅱ	Anisyl alcohol	98.9				O			J
871	2014実測値Ⅱ	Anisyl alcohol	99.7				O	25.1		H
871	2014実測値Ⅱ	Anisyl alcohol	99.2				O		24.9	Z
871	2013実測値Ⅰ	anisyl alcohol	99.4				O			J
871	2013実測値Ⅰ	anisyl alcohol	99.7				O			J
871	2013実測値Ⅰ	anisyl alcohol	99.93				O			J
871	2013実測値Ⅰ	anisyl alcohol					J			J
871	2013実測値Ⅰ	anisyl alcohol	98以上				M			J
871	2013実測値Ⅰ	anisyl alcohol	99.7				O			J
871	2013実測値Ⅰ	anisyl alcohol	99.4				O			J
871	2013実測値Ⅰ	anisyl alcohol	99.4				O			J
871	2013実測値Ⅰ	anisyl alcohol	99.9				O			J
871	2013実測値Ⅰ	anisyl alcohol	99.4				O		24.4	M
871	2013実測値Ⅰ	anisyl alcohol	99.6				O			J
871	2013実測値Ⅰ	anisyl alcohol	99.5				O			J
890	JECFA	Vanillin acetate	97				O	77 to 79		L
890	JFFMA	vanillin acetate	98					75-80		
890	案	Vanillin acetate	97					75-80		
890	2014実測値Ⅱ	Vanillin acetate	99.59				O	77.2		O
890	2014実測値Ⅱ	Vanillin acetate	98.69				O	77.8		O
890	2014実測値Ⅱ	Vanillin acetate	100				O	74		L
890	2014実測値Ⅱ	Vanillin acetate	100				O	75		L
890	2013実測値Ⅰ	vanillin acetate	99.8				O	77.4		O

屈折率 (25°C)	屈折率 (20°C)	判定	比重(25°C)	比重(20°C)	比重(15°C)	判定	酸価	判定	旋光度	(比)旋光度	判定
								J			
		O				O		J			
		O				O		J			
		O				O		J			
		O				O		J			
		O				O		J			
	1.521-1.528	O	0.974-0.979			O					
	1.518-1.528			0.974-0.984							
	1.521-1.526		0.974-0.980						-117 - -130		
	1.519-1.526		0.974-0.979								
	1.521	O	0.975			O					
	1.524	O	0.975			O					
	1.524	O	0.975			O					
1.5219	1.5239		0.9752	0.9781							
	1.524	O	0.975			O					
	1.521	O	0.975			O					
	1.492	X		0.965		L		O	-3.3		
	1.521	O	0.975			O		O			
	1.5232	O	0.9747	0.9777		O		O			
	1.5236	O				J		O			
	1.5237	O		0.978		O		O			
	1.5238	O		0.9764		L		O			
	1.5238	O	0.975			O		O			
	1.5239	O		0.975		L		O			
	1.5239	O		0.978		O		O			
	1.524	O		0.978		O		O			
	1.528	O		0.975		L		O			
							0.2				
	1.556			1.101			0.18				
		O				O	0.1	N			
		O				O		O			
		O				O	0.17	N			
		O				O	0.17	N			
		O				O	0.1	N			
		O				O		O		99.6	
		O				O		O			
		O				O	0.2	N			
		O				O	0.1	N			
		O				O	0.2	N			
		O				O	0.13	N			
		O				O		O			
	1.540-1.547		1.107-1.115				1.0				
	1.542-1.547		1.110-1.115				1.0				
	設定不要		設定不要				設定不要				
	1.544		1.113								
1.544	1.546		1.112	1.114							
							0.05				
1.5439		T	1.1127			O		J			
1.544		T	1.1127			O		J			
1.544		T	1.1127			O		J			
	1.5456	O		1.115		O		J			
	1.546	O		1.116		O		J			
		J				J	0.28	O			
		J				J	0.31	O			
		J				J	0.31	O			
		J				J		J			
		J				J	0.31	O			
	1.5449	O		1.1134		O		J			
	1.546	O		1.1157		O		J			
							1.0	O			
							1				
							1.0				
							0.2	O			
							0.1以下	O			
							0.51	O			
							0.59	O			
		O				O		J			

JECFA No	データ	品目名	含量	GC異性体合算%	測定法	含量備考	判定	融点	凝固点	判定
890	2013実測値 I	vanillin acetate	99.9				O	77.4		O
890	2013実測値 I	vanillin acetate	99.9				O	77.2		O
890	2013実測値 I	vanillin acetate	99.9				O	78.3		O
890	2013実測値 I	vanillin acetate	99.5				O	77.9		O
890	2013実測値 I	vanillin acetate	99.9				O	77.1		O
890	2013実測値 I	vanillin acetate	99.9				O	78.3		O
927	JECFA	1,2-di[(1-ethoxy)ethoxy]propane	97				O			
927	JFFMA	1,2-di[(1-ethoxy)ethoxy]propane	98							
927	FCC	1,2-Di[(1-ethoxy)ethoxy]propane	97			GC(M-1b)				
927	案	1,2-di[(1-ethoxy)ethoxy]propane	97							
927	2014実測値 II	1,2-Di[(1-ethoxy)ethoxy]propane	99.93				O			
927	2014実測値 II	1,2-Di[(1-ethoxy)ethoxy]propane	99.8				O			
927	2013実測値 I	1,2-di[(1-ethoxy)ethoxy]propane	99.62				O			O
927	2013実測値 I	1,2-di[(1-ethoxy)ethoxy]propane	99.5				O			O
927	2013実測値 I	1,2-di[(1-ethoxy)ethoxy]propane	99.6				O			O
999	JECFA	phenethyl phenylacetate	98				O	28		SM
999	JFFMA	phenethyl phenylacetate	98						26-31	
999	FCC	Phenethyl Phenylacetate	98			GC(M-1b)			NLT 26	
999	案	phenethyl phenylacetate	98						26-30	
999	2014実測値 II	Phenethyl phenylacetate	99.7				L		27.2	M
999	2014実測値 II	Phenethyl phenylacetate	98.7				O			
999	2014実測値 II	Phenethyl phenylacetate	99.6				O		26.6	M
999	2014実測値 II	Phenethyl phenylacetate	99.7				O		27.2	M
999	2014実測値 II	Phenethyl phenylacetate	99.69				O	27.2		S
999	2014実測値 II	Phenethyl phenylacetate	100.0				O	測定不可 27.2(M-カ-参考値)		
999	2014実測値 II	Phenethyl phenylacetate	99.796				O			
999	2013実測値 I	phenethyl phenylacetate					J			J
999	2013実測値 I	phenethyl phenylacetate					J			J
999	2013実測値 I	phenethyl phenylacetate	99.6				O		27.2	M
999	2013実測値 I	phenethyl phenylacetate	99.4				O		26	M
999	2013実測値 I	phenethyl phenylacetate	99.7				O		27.3	M
999	2013実測値 I	phenethyl phenylacetate	99.6				O		27.2	M
999	2013実測値 I	phenethyl phenylacetate	99.8				O			J
999	2013実測値 I	phenethyl phenylacetate	99.6				O			J
999	2013実測値 I	phenethyl phenylacetate	99.5				O		27.2	M
999	2013実測値 I	phenethyl phenylacetate	99.8				O			J
1037	JECFA	2-isopropyl-4-	96				O			
1037	JFFMA	2-isopropyl-4-	95							
1037	案	2-isopropyl-4-	96							
1037	2014実測値 II	2-Isopropyl-4-	99.83				O			
1037	2014実測値 II	2-Isopropyl-4-	99.7				O			
1037	2014実測値 II	2-Isopropyl-4-	99.5				O			
1037	2014実測値 II	2-Isopropyl-4-	99.9				O			
1037	2014実測値 II	2-Isopropyl-4-	99.35				O			
1037	2014実測値 II	2-Isopropyl-4-	99.89				O			
1037	2014実測値 II	2-Isopropyl-4-	100.0				O			
1037	2013実測値 I	2-isopropyl-4-					J			O
1037	2013実測値 I	2-isopropyl-4-	99.7				O			O
1037	2013実測値 I	2-isopropyl-4-	98.7				O			O
1037	2013実測値 I	2-isopropyl-4-	99.58				O			O
1037	2013実測値 I	2-isopropyl-4-	99.8				O			O
1037	2013実測値 I	2-isopropyl-4-	99.7				O			O
1037	2013実測値 I	2-isopropyl-4-	99.94				O			O
1037	2013実測値 I	2-isopropyl-4-	99.95				O			O
1037	2013実測値 I	2-isopropyl-4-	99.9				O			O
1037	2013実測値 I	2-isopropyl-4-	99.8				O			O
1054	JECFA	4-Methyl-5-thiazoleethanol acetate	97				O			
1054	JFFMA	4-methyl-5-thiazoleethanol acetate	98							
1054	案	4-Methyl-5-thiazoleethanol acetate	97							
1054	2014実測値 II	4-Methyl-5-thiazoleethanol acetate	99.9				O			
1054	2014実測値 II	4-Methyl-5-thiazoleethanol acetate	99.9				O			
1054	2014実測値 II	4-Methyl-5-thiazoleethanol acetate	99.9				O			
1054	2014実測値 II	4-Methyl-5-thiazoleethanol acetate	99.9				O			
1054	2014実測値 II	4-Methyl-5-thiazoleethanol acetate	99.9				O			
1054	2014実測値 II	4-Methyl-5-thiazoleethanol acetate	99.9				O			
1054	2013実測値 I	2-(4-methyl-5-thiazolyl)ethyl acetate	99.9				M			O
1054	2013実測値 I	2-(4-methyl-5-thiazolyl)ethyl acetate					J			O