

KOTIT

REACH (Substances of Very High Concern Candidate Lists), mg/kg (EC No. 1907/2006)

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Test Conducted				Test Results	
NO	Substance Name	CAS No	Test Method	(A)	
100	Lead bis(tetrafluoroborate)	13814-96-6	With reference to KOTIT in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	ND	
101	Orange lead (Lead tetroxide)	1314-41-6	With reference to KOTIT in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	ND	
102	Diethyl sulphate	64-67-5	With reference to KOTIT in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	ND	
103	Dinoseb (6-sec-buty-2,4-dinitrophenol)	88-85-7	With reference to KOTIT in-house method, by solvent extraction and determined by LC-MS Reporting limit: 0.1 %	ND	
104	Lead titanium zirconium oxide	12626-81-2	With reference to KOTIT in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	ND	
105	Acetic acid, lead salt, basic	51404-69-4	With reference to KOTIT in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	ND	
106	Furan	110-00-9	With reference to KOTIT in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.1 %	ND	
107	N-methylacetamide	79-16-3	With reference to KOTIT in-house method, by solvent extraction and determined by LC-MS Reporting limit: 0.005 %	ND	
108	o-toluidine	95-53-4	With reference to KOTIT in-house method, by solvent extraction and determined by GC-MS or LC-MS Reporting limit: 0.005 %	ND	
109	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazoline	143660-04-2	With reference to KOTIT in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.1 %	ND	
110	4,4'-oxydianiline and its salts	101-80-4	With reference to KOTIT in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	ND	
111	[Phthalato(2-)]dioxctinelead	69014-06-9	With reference to KOTIT in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	ND	
112	Lead titanium trioxide	12060-00-3	With reference to KOTIT in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	ND	
113	Lead oxide sulfate	12036-76-9	With reference to KOTIT in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	ND	
114	Lead dinitrate	10099-74-8	With reference to KOTIT in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	ND	
115	4-aminobenzene	60-09-03	With reference to KOTIT in-house method, by solvent extraction and determined by GC-MS or LC-MS Reporting limit: 0.005 %	ND	
116	Lead cyanamide	20537-86-9	With reference to KOTIT in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	ND	
117	Tetralead trioxide sulphate	12202-17-4	With reference to KOTIT in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	ND	

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Test Conducted

Test Results

NO	Substance Name	CAS No	Test Method	(A)
118	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS or LC-MS Reporting limit: 0.005 %	ND
119	Pyrochlore, antimony lead yellow	8012-00-8	With reference to KOTITI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	ND
120	Trilead bis(carbonate)dihydroxide	1319-46-6	With reference to KOTITI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	ND
121	Dimethyl sulphate	77-78-1	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.1 %	ND
122	Dioxohis(stearato)trilead	12578-12-0	With reference to KOTITI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	ND
123	Slilic acid (H ₂ SiO ₃), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	68784-75-8	With reference to KOTITI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	ND
124	Biphenyl-4-ylamine	92-67-1	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS or LC-MS Reporting limit: 0.005 %	ND
125	Lead monoxide (Lead oxide)	1317-35-8	With reference to KOTITI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	ND
126	Pentalead tetraoxide sulphate	12065-90-6	With reference to KOTITI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.05 %	ND
127	Methyloxirane (Propylene oxide)	75-56-9	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.1 %	ND
128	Slilic acid, lead salt	11120-22-2	With reference to KOTITI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	ND
129	Trilead dioxide phosphonate	12141-20-7	With reference to KOTITI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	ND
130	o-aminoazobenzene [(4-o-tolylazo-o-toluidine)]	97-56-3	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS or LC-MS Reporting limit: 0.005 %	ND
131	1-bromopropane (n-propyl bromide)	106-94-5	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.1 %	ND
132	6-methoxy-m-toluidine (p-cresidine)	120-71-8	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS or LC-MS Reporting limit: 0.005 %	ND
133	4,4'-methylene-di-o-toluidine	838-88-0	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS or LC-MS Reporting limit: 0.005 %	ND

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Test Conducted		Test Results	
NO	Substance Name	CAS No	Test Method
134	Tetraethyllead	78-00-2	With reference to KOTI in-house method, ICP-OES Reporting limit: 0.01%
135	Sulfurous acid, lead salt, dibasic	62229-08-7	With reference to KOTI in-house method, ICP-OES Reporting limit: 0.01%
136	Fatty acids, C16-18, lead salts	91031-62-8	With reference to KOTI in-house method, ICP-OES Reporting limit: 0.01%
137	Diisopentylphthalate (DIPP)	605-60-5	GC-MS or LC-MS With reference to KOTI in-house method, by solvent extraction and determined by Reporting limit: 0.005 %
138	Diazene-1,2-dicarboxamide (C,C'-azodiformamide)	123-77-3	GC-MS With reference to KOTI in-house method, by solvent extraction and determined by Reporting limit: 0.1 %
139	Cadmium	7440-43-9	With reference to KOTI in-house method, ICP-OES Reporting limit: 0.01%
140	Cadmium oxide	1306-19-0	With reference to KOTI in-house method, ICP-OES Reporting limit: 0.01%
141	Ammoniumpentadecafluorooctanoate (APFO)	3825-26-1	With reference to KOTI in-house method, LC-MS Reporting limit: 0.005 %
142	Pentadecafluorooctanoic acid (PFOA)	335-67-1	With reference to KOTI in-house method, LC-MS Reporting limit: 0.005 %
143	Dipentyl phthalate (DPP)	131-18-0	With reference to KOTI in-house method, GC-MS Reporting limit: 0.005 %
144	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	-	With reference to KOTI in-house method, LC-MS Reporting limit: 0.005 %
145	Cadmium sulphide	1306-23-6	With reference to KOTI in-house method, ICP-OES Reporting limit: 0.01%
146	Dihexyl phthalate	84-75-3	With reference to KOTI in-house method, GC-MS Reporting limit: 0.005 %
147	C.I. Direct Red 28, Disodium (4-aminonaphthalene-1-sulphonate)bis[3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-2,7-disulphonate)	573-58-0	With reference to KOTI in-house method, LC-MS Reporting limit: 0.005 %
148	C.I. Direct Black 36, Disodium 4-amino-3-[[4-[[2,4-diaminophenyl]azo]enylazo]naphthalene-2,7-disulphonate	1937-37-7	With reference to KOTI in-house method, LC-MS Reporting limit: 0.005 %
149	2-imidazoline-2-thione, 2-imidazoline-2-thiol	96-46-7	With reference to KOTI in-house method, GC-MS Reporting limit: 0.005 %
ND			

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REACH (Substances of Very High Concern Candidate Lists), mg/kg
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Test Conducted		Test Results	
NO	Substance Name	CAS No	Test Method (A)
150	Lead di(acetate)	301-04-2	With reference to KOTITI in-house method, ICP-OES by acid digestion and determined by Reporting limit: 0.01%
151	Triethyl phosphate	25155-23-1	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
153	Cadmium chloride	10108-64-2	With reference to KOTITI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01%
154	Sodium perborate, perboric acid, sodium salt	11138-47-9	With reference to KOTITI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01%
155	Sodium peroxometaborate	7632-04-4	With reference to KOTITI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01%
156	2-benzotriazol-2-yl-4,6-di-tertbutylphenol (UV-320)	3846-71-7	With reference to KOTITI in-house method, ICP-OES, GC/MS and colorimetric method, - Analyzed by ICP-OES, PLM, UV/VIS, Reporting limit: 0.05%
157	2-(2H-benzotriazol-2-yl)-4,6-dimethylphenol (UV-328)	25973-55-1	With reference to KOTITI in-house method, ICP-OES, GC/MS and colorimetric method, - Analyzed by ICP-OES, PLM, UV/VIS, Reporting limit: 0.05%
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dihydro-1,2,4-triazolo[4,5-b]pyridine-5-carboxylate (DOTE)	15571-58-1	With reference to KOTITI in-house method, ICP-OES, GC/MS and colorimetric method, - Analyzed by ICP-OES, PLM, UV/VIS, Reporting limit: 0.05%
159	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dihydro-1,2,4-triazolo[4,5-b]pyridine-5-carboxylate (reaction mass of DOTE and MOTTE)	-	With reference to KOTITI in-house method, ICP-OES, GC/MS and colorimetric method, - Analyzed by ICP-OES, PLM, UV/VIS, Reporting limit: 0.05%
160	Cadmium fluoride	7790-79-6	With reference to KOTITI in-house method, ICP-OES, GC/MS and colorimetric method, - Analyzed by ICP-OES, PLM, UV/VIS, Reporting limit: 0.005%
161	Cadmium sulphate	10124-36-4	With reference to KOTITI in-house method, ICP-OES, GC/MS and colorimetric method, - Analyzed by ICP-OES, PLM, UV/VIS, Reporting limit: 0.005%
162	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] (covering any of the individual isomers of [1] and [2] or any combination thereof)	-	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
163	1,2-benzenedicarboxylic acid, mixed di-C6-10-alkyl esters, 0.3% of dihexyl phthalate	68515-51-6	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
164	4,4'-isopropylidenediphenol	80-05-7	With reference to KOTITI in-house method, ICP-OES, GC-MS and colorimetric method, determined by ICP-OES, PLM, UV-VIS, Reporting limit: 0.05 %

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NO	Substance Name	CAS No	Test Method	Test Results
165	4-Hoplyphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UV-CB and well-defined substances which include any of the individual isomers or a combination thereof]	-	With reference to KOTI in-house method, determined by ICP-OES, PLM, UV-VIS, LC-MS, GC-MS and colorimetric method Reporting limit: 0.05 %	ND
166	Nonadecanfluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7, 335-76-2, 3830-45-3	With reference to KOTI in-house method, determined by ICP-OES, PLM, UV-VIS, LC-MS, GC-MS and colorimetric method Reporting limit: 0.05 %	ND
167	p-(1,1-dimethylpropyl)phenol	80-46-6	With reference to KOTI in-house method, determined by ICP-OES, PLM, UV-VIS, LC-MS, GC-MS and colorimetric method Reporting limit: 0.05 %	ND
168	Perfluorohexane-1-sulphonic acid and its salts	355-46-4	With reference to KOTI in-house method, determined by ICP-OES, PLM, UV-VIS, LC-MS, GC-MS and colorimetric method Reporting limit: 0.005 %	ND
169	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) with ≥0.1% w/w 4-heptylphenol, branched and linear (4-HPB)	-	With reference to KOTI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	ND
170	Dodecahydrophenanthracene[12.2,11.6,9.02, 13.05,10]octadeca-7,15-diene ("Dodecane Plus") covering any of its individual anti- and syn-isomers or any combination thereof	-	With reference to KOTI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	ND
171	Chrysene	218-01-9, 1719-03-5	With reference to KOTI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	ND
172	Cadmium nitrate	10022-68-1, 10325-94-7	With reference to KOTI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	ND
173	Cadmium hydroxide	21041-95-2	With reference to KOTI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	ND
174	Cadmium carbonate	513-78-0	With reference to KOTI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	ND
175	Benz[a]anthracene	56-55-3 1718-53-2	With reference to KOTI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	ND
176	1,3-propanesultone	1120-71-4/ 214-317-9	KOTI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.05 %	ND
177	2,4-di-tert-butyl-6-(6-chlorobenzotriazol-2- yl)phenol (UV-327)	3854-99-1/ 223-383-8	KOTI in-house method, by solvent extraction and determined by LC-MS Reporting limit: 0.05 %	ND
178	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6- (sec-butyl)phenol (UV-350)	36437-37-3/ 253-037-1	KOTI in-house method, by solvent extraction and determined by LC-MS Reporting limit: 0.05 %	ND
179	Nitrobenzene	98-95-3/ 202-716-0	KOTI in-house method, by solvent extraction and determined by GC-MS and HS-GC-MS Reporting limit: 0.05 %	ND
180	Perfluorooctan-1-ol acid (2,3,3,4,4,5,5,6,6,7,7,8,8,8,8,9,9,9,9- tetrafluorooctanoic acid and its sodium and ammonium salts	375-95-1,2104 9-39-8,4149-60 -4/208-801-3	KOTI in-house method, by solvent extraction and determined by LC-MS Reporting limit: 0.05 %	ND
181	Benzodiphenylsane	50-32-8	KOTI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.05 %	ND

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Test Conducted		Test Results	
NO	Substance Name	CAS No	Test Method
182	Terphenyl, hydrogenated	61788-32-7	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.005 %
183	Octamethylcyclotetrasiloxane (D4)	556-67-2	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.005 %
184	Lead	7439-92-1	ICP-OES by acid digestion and determined by Reporting limit: 0.01 %
185	Ethylendiamine (EDA)	107-15-3	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.005 %
186	Dodecamethylcyclohexasiloxane (D6)	540-97-6	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.005 %
187	Sodium octaborate	12008-41-2	ICP-OES by acid digestion and determined by Reporting limit: 0.01 %
188	Dicyclohexyl phthalate (DCHP)	84-61-7	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.005 %
189	Decamethylcyclopentasiloxane (D5)	541-02-6	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.005 %
190	Benzogluciperylene	191-24-2	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.005 %
191	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (trimellitic anhydride, TMA)	552-30-7	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.005 %
192	1,7-bis(4-(phenylethylene)bicyclo[2,2,1]heptan-2-one; 3-benzylidene)camphor 3-BC	15087-24-8	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.005 %
193	2,2-bis(4-(hydroxyphenyl)-4-methylpentanoic acid)bis(4-methylpentanoic acid)bis(4-methylpentanoic acid)bis(4-methylpentanoic acid)	6807-17-6	With reference to KOTITI in-house method, LC-MS-MS Reporting limit: 0.005 %
194	Benzo[k]fluoranthene	207-08-9	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.005 %
195	Fluoranthene	206-44-0	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.005 %
196	Phenanthrene	85-01-8	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.005 %
197	Pyrene	129-00-0	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.005 %
198	2-methoxyethyl acetate	110-49-8	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.005 %
199	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear	-	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.005 %

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- End of Report -

Test Method 1) Analyte is based on GC, LC, IC, ICP, PLM with various detection techniques and UV.

2) N.A. : Not Applicable

Remark 1) N.D. : Not Detected [< RL(Report Limit)]

NO	Substance Name	CAS No	Test Method	Test Results
200	2,3,3-tetrafluoro 2-(trifluoromethyl)propoxy (y)propanoic acid, its salts and its isomers and combinations thereof	-	With reference to KOTI in-house method, by solvent extraction and determined by LC-MS-MS Reporting limit: 0.005 %	ND
201	4-tert-butylphenol	98-54-4	With reference to KOTI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	ND
202	Perfluorobutane sulfonic acid (PFBS) and its salts	-	With reference to KOTI in-house method, by solvent extraction and determined by LC-MS-MS Reporting limit: 0.005 %	ND
203	Diisohexyl phthalate	71850-08-4	With reference to KOTI in-house method, by solvent extraction and determined by LC-MS-MS Reporting limit: 0.005 %	ND
204	2-methyl-1-(4-methylphenyl)-2-morpholinopropan-1-one	71868-10-5	With reference to KOTI in-house method, by solvent extraction and determined by LC-MS-MS Reporting limit: 0.005 %	ND
205	2-benzyl-2-dimethylamino-4-morpholinobutylphenone	119313-12-1	With reference to KOTI in-house method, by solvent extraction and determined by LC-MS-MS Reporting limit: 0.005 %	ND
206	1-vinylimidazole	1072-63-5	With reference to KOTI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	ND
207	2-methylimidazole	1693-98-1	With reference to KOTI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	ND
208	Dibutylbis(pentane-2,4-dionato-O,O')in	22673-19-4	With reference to KOTI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	ND
209	Butyl 4-hydroxybenzoate(Butylparaben)	94-26-8	With reference to KOTI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	ND
210	Bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	With reference to KOTI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	ND
211	Dioctyltin dilaurate, stannane, dioctylstannane, dioctyl-, bis(fatty acyloxy) bis(coco acyloxy) derivs., and any other derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	-	With reference to KOTI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	ND

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Global Business Partner

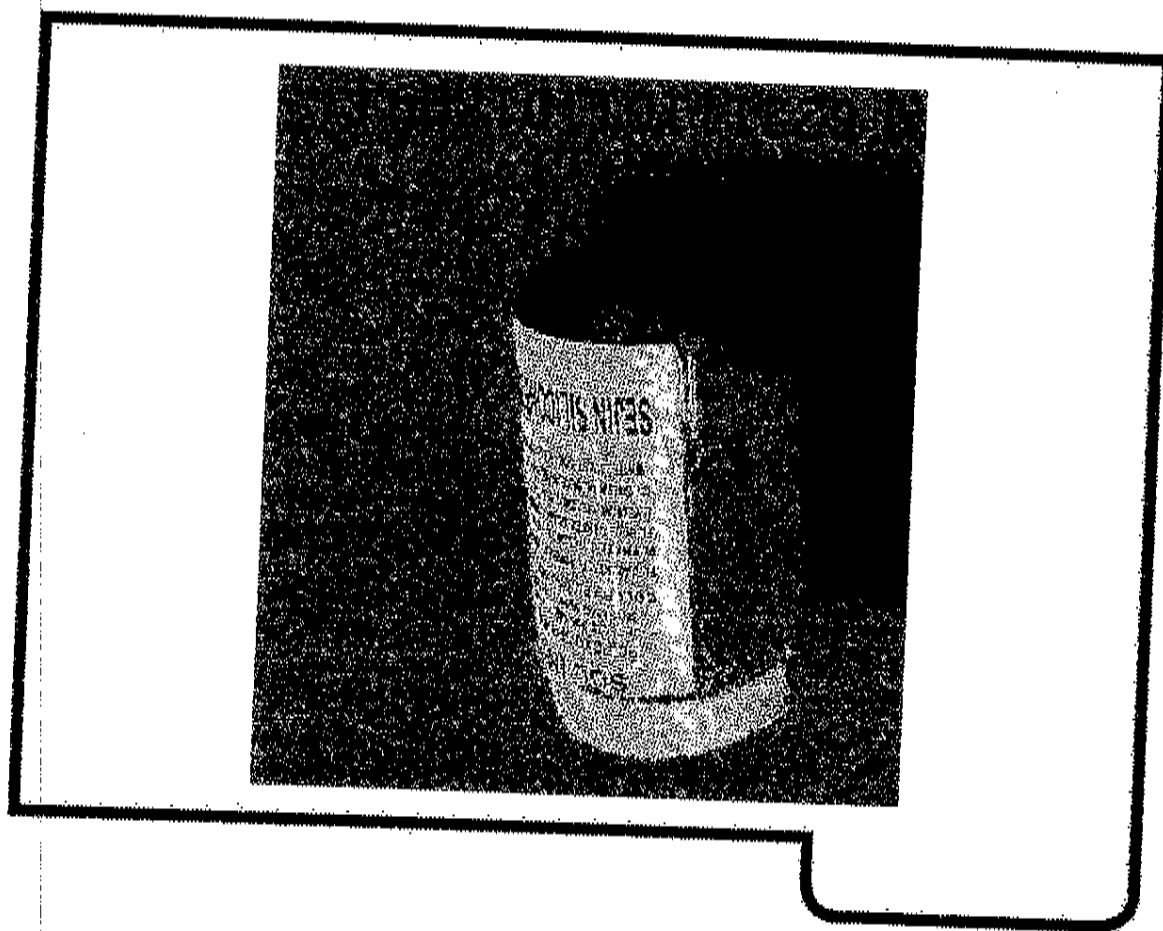


Photo of the submitted sample(s)

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Affirmation	Prepared by Name: Yeon Ji Park	Technical Manager Name: Youn Ki Hong
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S : Test report is separated.

A : Test report is amended.

Ref.) KOTITI No.(A_S)

* N/S : Not Submitted, N/A : Not Applicable

Amend Comment	Sample Description	Item	Buyer	Style Number	PO Number	Color	Submitted Fiber Composition	Submitted Care Instruction	Test Result
The applicant has been amended as the applicant's request	ONE (1) SAMPLE	(A)#2 SOL INK PC, PCXO, TPR(MX) SNF-100, 200, 900, 1000, 5010, SNF-5500, 5600, 1700, 1800	REACH	N/S	N/S	(A)MULTI COLOR	N/S	N/S	For further details, please refer to the following page(s).

Amend Date : MAR 22, 2021

Date Out : MAR 05, 2021

Date In : FEB 22, 2021

To : SEJIN SILICONE CO.,LTD
 KOTITI No. : 82211101101809(A2S2)

REACH
TEST REPORT

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KOTIT

REACH (Substances of Very High Concern Candidate Lists), mg/kg
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Test Conducted		Test Results	
NO	Substance Name	CAS No	Test Method
1	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified α - Hexabromocyclododecane (134237-50-6) β - Hexabromocyclododecane (134237-51-7) γ - Hexabromocyclododecane (134237-52-8)	3194-55-6 25637-99-4 (134237-50-6) (134237-51-7) (134237-52-8)	With reference to KOTIT in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	With reference to KOTIT in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	With reference to KOTIT in-house method, by solvent extraction and determined by GC-MS and/or GC-ECD Reporting limit: 0.02 %
4	Bis(tributyltin)oxide (TBTO)	56-35-9	With reference to KOTIT in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
5	4,4'-Diaminodiphenylmethane(MDA)	101-77-9	With reference to KOTIT in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
6	Anthracene	120-12-7	With reference to KOTIT in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
7	Dibutyl phthalate(DBP)	84-74-2	With reference to KOTIT in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
8	Bis (2-ethylhexyl) phthalate(DEHP)	85-68-7	With reference to KOTIT in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
9	Benzyl butyl phthalate(BBP)	85-68-7	With reference to KOTIT in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
10	Cobalt dichloride	7646-79-9	With reference to KOTIT in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %
11	Diarsonic pentoxide	1303-28-2	With reference to KOTIT in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %
12	Thiarsenic trioxide	1327-53-3	With reference to KOTIT in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %
13	Sodium dichromate	7789-12-0	With reference to KOTIT in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %
14	Lead hydrogen arsenate	7784-40-9	With reference to KOTIT in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %
15	Triethyl arsenate	15806-95-8	With reference to KOTIT in-house method, by solvent extraction and determined by ICP-OES Reporting limit: 0.01 %
16	Anthracene oil	90640-80-5	With reference to KOTIT in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.01 %
17	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	With reference to KOTIT in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.01 %

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Test Conducted		Test Results	
NO	Substance Name	CAS No	Test Method
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.01 %
19	Anthracene oil, anthracene, anthracene-low	90640-82-7	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.01 %
20	Anthracene oil, anthracene, anthracene paste	90640-81-6	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.01 %
21	Coal tar pitch, high temperature	65996-93-2	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.01 %
22	2,4-Dinitrotoluenes	121-14-2	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.005 %
23	Diisobutyl phthalate	84-69-5	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.005 %
24	Lead chromate	7758-97-6	With reference to KOTITI in-house method, spectrophotometer determined by ICP-OES and UV-VIS Reporting limit: 0.01 %
25	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	12856-85-8	With reference to KOTITI in-house method, spectrophotometer determined by ICP-OES and UV-VIS Reporting limit: 0.01 %
26	Lead sulfchromate yellow (C.I. Pigment Yellow 34)	1344-37-2	With reference to KOTITI in-house method, spectrophotometer determined by ICP-OES and UV-VIS Reporting limit: 0.01 %
27	Tris(2-chloroethyl)phosphate (TCPP)	115-96-8	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.005 %
28	Acrylamide	1979-06-01	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
29	1,1,2-Trichloroethylene	1978-01-06	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
30	Boric Acid	10043-35-3	With reference to KOTITI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %
31	Disodium tetraborate Anhydrous	1330-43-4	With reference to KOTITI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %
32	Tetraboron disodium heptaoxide, hydrate	12267-73-1	With reference to KOTITI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %
33	Sodium chromate	7775-11-3	With reference to KOTITI in-house method, spectrophotometer determined by ICP-OES and UV-VIS Reporting limit: 0.01 %
34	Potassium chromate	7789-00-8	With reference to KOTITI in-house method, spectrophotometer determined by ICP-OES and UV-VIS Reporting limit: 0.01 %
35	Ammonium dichromate	7789-08-5	With reference to KOTITI in-house method, determined by UV-VIS spectrophotometer Reporting limit: 0.01 %

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36	Potassium dichromate	7778-50-9	With reference to KOTI in-house method, determined by ICP-OES and UV-VIS Spectrophotometer Reporting limit: 0.01 %
37	Cobalt(II) sulphate	10124-43-3	With reference to KOTI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %
38	Cobalt(II) nitrate	10141-05-6	With reference to KOTI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %
39	Cobalt(II) carbonate	513-79-1	With reference to KOTI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %
40	Cobalt(II) diacetate	71-48-7	With reference to KOTI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %
41	2-methoxyethanol	109-86-4	With reference to KOTI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
42	2-ethoxyethanol	110-80-5	With reference to KOTI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
43	Chromium trioxide	1333-82-0	With reference to KOTI in-house method, determined by UV-VIS Spectrophotometer Reporting limit: 0.01 %
44	Acids generated from chromium trioxide and their oligomers/n-Group containing- Chromic acid/n- Dichromic acid/n- Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2	With reference to KOTI in-house method, determined by UV-VIS Spectrophotometer Reporting limit: 0.005 %
45	2-Ethoxyethyl acetate	111-15-9	With reference to KOTI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
46	Strontium chromate	7789-06-2	With reference to KOTI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %
47	1,2-Benzenedicarboxylic acid, di-C7-1-branched and linear alkyl esters (DHNUP)	68515-42-4	With reference to KOTI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.01 %
48	Hydrazine	7803-57-8 302-01-2	With reference to KOTI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
49	1-methyl-2-pyrrolidone	872-50-4	With reference to KOTI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
50	1,2,3-Trichloropropane	96-18-4	With reference to KOTI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DHP)	71888-89-8	With reference to KOTI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
52	4-(1,1,3,3-tetraethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	With reference to KOTI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
53	2-Methoxyaniline, o-Anisidine	90-04-0	With reference to KOTI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.05 %

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Test Conducted

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54	Arsenic acid	7778-39-4	With reference to KOTITI in-house method, ICP-OES Reporting limit: 0.01 %	ND
55	Calcium arsenate	7778-44-1	With reference to KOTITI in-house method, ICP-OES Reporting limit: 0.01 %	ND
56	Trilead diarsenate	3687-31-8	With reference to KOTITI in-house method, ICP-OES Reporting limit: 0.01 %	ND
57	1,2-Dichloroethane, ethylene dichloride	107-06-2	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.005 %	ND
58	Bis(2-methoxyethyl) ether	111-96-6	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.005 %	ND
59	Bis(2-methoxyethyl) phthalate	117-82-8	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.05 %	ND
60	N,N-dimethylacetamide (DMAc)	127-19-5	With reference to KOTITI in-house method, GC-MS Reporting limit: 0.005 %	ND
61	Lead diazide, Lead azide	13424-46-9	With reference to KOTITI in-house method, ICP-OES Reporting limit: 0.01 %	ND
62	Lead silyphate	15245-44-0	With reference to KOTITI in-house method, ICP-OES Reporting limit: 0.01 %	ND
63	2,2'-dichloro-4,4'-ethylenedianiline (MOCA)	101-14-4	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	ND
64	Dichromium tris(selenate)	24613-89-6	With reference to KOTITI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	ND
65	Potassium hydroxyoctadecylatedichromate	11103-86-9	With reference to KOTITI in-house method, determined by ICP-OES and UV-VIS Spectrophotometer Reporting limit: 0.01 %	ND
66	Pentazinc chromate octahydroxide	45663-84-5	With reference to KOTITI in-house method, determined by ICP-OES and UV-VIS Spectrophotometer Reporting limit: 0.01 %	ND
67	Phenolphthalein	77-09-8	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	ND
68	Lead dipicrate	6477-64-1	With reference to KOTITI in-house method, ICP-OES Reporting limit: 0.01 %	ND
69	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	ND
70	Aluminosilicate Refractory Ceramic Fibres(RCF)	-	With reference to KOTITI in-house method, by acid digestion and determined by ICP-OES and further PLM confirmation when necessary Reporting limit: 0.01 %	ND

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Test Conducted		Test Results	
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71	Zirconia Alumina Silicate Refractory Ceramic Fibres (Zr-RCP)	-	With reference to KOTITI in-house method, ICP-OES and further PLM confirmation when necessary Reporting limit: 0.01 %
72	[4-(4'-bis(dimethylamino)benzylidene)cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	548-62-9	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
73	4,4'-Bis[4-(dimethylamino)phenyl]-4-phenylamino)phthalene-1-methanol (C.I. Solvent Blue 4) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	6786-83-0	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
74	N,N,N',N'-tetramethyl-4,4'-methylene dianiline (Michler's base)	101-61-1	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
75	1,3,5-tris(2S and 2R)-2,3-epoxypropyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (3-TGIC)	59353-74-6	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
76	Diboron trioxide	1303-86-2	With reference to KOTITI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %
77	1,2-bis(2-methoxyethoxy)ethane (TEGME, triglyme)	112-49-2	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.01 %
78	4,4'-bis(dimethylamino)-4'-(methylanilino)triyl alcohol [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	561-41-1	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
79	Lead (II) bis(methanesulfonate)	17570-76-2	With reference to KOTITI in-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %
80	Formamide	75-12-7	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
81	[4-(4-aniline-1-naphthyl)-4-(dimethylamino)phenyl] methylcyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	2580-56-5	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS and/or HPLC-DAD-MS Reporting limit: 0.005 %
82	1,2-dimethoxyethane, ethylene glycol dimethyl ether (EGDME)	110-71-4	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
83	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazine-2,4,6-trione (TGIC)	2451-62-9	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
84	3,3'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether, DecaBDE)	1163-19-5	With reference to KOTITI in-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %

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Test Conducted		Test Results	
NO	Substance Name	CAS No	Test Method
86	N,N-dimethylformamide	68-12-2	GC-MS With reference to KOTIT in-house method, by solvent extraction and determined by Reporting limit: 0.005 %
87	Methoxy acetic acid	625-45-6	LC-MS With reference to KOTIT in-house method, by solvent extraction and determined by Reporting limit: 0.005 %
88	Dibutyltin dichloride (DBT)	683-18-1	ICP-OES With reference to KOTIT in-house method, by acid digestion and determined by Reporting limit: 0.01 %
89	1,2-Diethoxyethane	629-14-1	GC-MS With reference to KOTIT in-house method, by solvent extraction and determined by Reporting limit: 0.005 %
90	Cyclohexane-1,2-dicarboxylic anhydride[1] cis-cyclohexane-1,2-dicarboxylic anhydride[2] trans-cyclohexane-1,2-dicarboxylic anhydride[3] [The individual cis-[2] and trans-[3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	85-42-7, 13149-00-3, 14166-21-3	GC-MS or LC-MS With reference to KOTIT in-house method, by solvent extraction and determined by Reporting limit: 0.1 %
91	Hexahydro-4-methylphthalic anhydride[1], Hexahydro-4-methylphthalic anhydride[2], Hexahydro-1-methylphthalic anhydride[3], Hexahydro-3-methylphthalic anhydride[4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	2650-51-0, 1938-60-9, 49122-14-1, 57140-29-9	GC-MS or LC-MS With reference to KOTIT in-house method, by solvent extraction and determined by Reporting limit: 0.1 %
92	4-Nonylphenol, branched and linear (substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof)	-	GC-MS or LC-MS With reference to KOTIT in-house method, by solvent extraction and determined by Reporting limit: 0.005 %
93	Heptacosulfuroctetradecanoic acid	376-06-7	LC-MS With reference to KOTIT in-house method, by solvent extraction and determined by Reporting limit: 0.005 %
94	1,2-Benzenedicarboxylic acid, diphenylester, branched and linear	8477-06-0	GC-MS or LC-MS With reference to KOTIT in-house method, by solvent extraction and determined by Reporting limit: 0.005 %
95	Henicosulfuroundecanoic acid	2058-94-8	LC-MS With reference to KOTIT in-house method, by solvent extraction and determined by Reporting limit: 0.005 %
96	N-pentyl-isopentylphthalate	776297-69-9	GC-MS or LC-MS With reference to KOTIT in-house method, by solvent extraction and determined by Reporting limit: 0.005 %
97	Pentacosulfuroctetradecanoic acid	72629-94-8	LC-MS With reference to KOTIT in-house method, by solvent extraction and determined by Reporting limit: 0.005 %
98	4-(1,1,3,3-tetraethylbutyl) Phenol, ethoxylated (covering well-defined substances and UVCB-substances, polymers and homologues)	-	GC-MS or LC-MS With reference to KOTIT in-house method, by solvent extraction and determined by Reporting limit: 0.005 %
99	Tricosulfurododecanoic acid	307-55-1	LC-MS With reference to KOTIT in-house method, by solvent extraction and determined by Reporting limit: 0.005 %

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