

CERTIFICATE OF CONFORMANCE

COC. No.: 1307001
Date: 2013-7-24

Product: High Frequency Products of Antenna, Filter and Balun

To: Customers who concerned

Statement of conformance: This letter is to assure that all product made from Yageo Corporation Nantze Branch DO NOT contain the Substances of Very High Concern (SVHC) specified as below.

No.	項 目 Item	化學文摘號碼 CAS No.	歐洲委員會號碼 EC No.
1.	Anthracene(蒽)	120-12-7	204-371-1
2.	4,4'-Diaminodiphenylmethane MDA (4,4'-二氨基二苯甲烷)	101-77-9	202-974-4
3.	Dibutyl phthalate 鄰苯二甲酸二丁酯(DBP)	84-74-2	201-557-4
4.	Benzyl butyl phthalate 鄰苯二甲酸甲苯基丁酯 (BBP)	85-68-7	201-622-7
5.	Bis (2-ethyl(hexyl)phthalate) 鄰苯二甲酸二(2-乙基己基) 酯(DEHP)	117-81-7	204-211-0
6.	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) 二甲苯麝香	81-15-2	201-329-4
7.	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α – HBCDD, β -HBCDD, γ -HBCDD) 六溴環十二烷及其主要異構物(α – HBCDD, β - HBCDD, γ -HBCDD)	25637-99-4	247-148-4 and 221-695-9 (134237-50-6, 134237-51-7, 134237-52-8)
8.	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) 短鏈氯化石蠟 (C10-13)	85535-84-8	287-476-5
9.	Bis(tributyltin)oxide 氧化雙三丁基錫	56-35-9	200-268-0
10.	Cobalt dichloride 二氯化鈷	7646-79-9	231-589-4
11.	Diarsenic pentaoxide 五氧化二砷	1303-28-2	215-116-9
12.	Diarsenic trioxide 三氧化二砷	1327-53-3	215-481-4
13.	Triethyl arsenate 三乙基砷酸鹽	15606-95-8	427-700-2
14.	Lead hydrogen arsenate 砷酸氫鉛	7784-40-9	232-064-2
15.	Sodium dichromate 重鉻酸鈉	010588-01-9	-
16.	Anthracene oil 蒽油	90640-80-5	292-602-7
17.	Anthracene oil, anthracene paste, distn. Lights 蒽油, 蒽糊, 輕油	91995-17-4	295-278-5
18.	Anthracene oil, anthracene paste, anthracene fraction 蒽油, 蒽糊, 蒽餾分	91995-15-2	295-275-9
19.	Anthracene oil, anthracene-low 蒽油, 含蒽量少	90640-82-7	292-604-8
20.	Anthracene oil, anthracene paste 蒽油, 蒽糊	90640-81-6	292-603-2

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21.	Pitch, coal tar, high-temp. 煤瀝青，高溫	65996-93-2	266-028-2
22.	Diisobutyl phthalate(DIBP) 鄰苯二甲酸二異丁酯	84-69-5	201-553-2
23.	2,4-Dinitrotoluene 2,4-二硝基甲苯	121-14-2	204-450-0
24.	Tris(2-chloroethyl) phosphate 磷酸三(2-氯乙基)酯	115-96-8	204-118-5
25.	Lead chromate 鉻酸鉛	7758-97-6	231-846-0
26.	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) 紅色鉬鉻酸鉛硫酸鹽；顏色索引：顏料紅 104	12656-85-8	235-759-9
27.	Lead sulfochromate yellow (C.I. Pigment Yellow 34) 黃色硫化鉻酸鉛；顏色索引：顏料黃 34	1344-37-2	215-693-7
28.	Acrylamide 丙烯醯胺	79-06-1	201-173-7
29.	Sodium chromate 鉻酸鈉	7775-11-3	231-889-5
30.	Ammonium dichromate 重鉻酸銨	7789-09-5	232-143-1
31.	Potassium dichromate 重鉻酸鉀	7778-50-9	231-906-6
32.	Potassium chromate 鉻酸鉀	7789-00-6	232-140-5
33.	Boric acid 硼酸	10043-35-3; 11113-50-1	234-343-4; 233-139-2
34.	disodium tetraborate, anhydrous 無水四硼酸二鈉	1303-96-4 1330-43-4 12179-04-3	215-540-4
35.	Tetraboron disodium heptaoxide, hydrate 水合硼酸鈉	12267-73-1	235-541-3
36.	Trichloroethylene 三氯乙烯	79-01-6	201-167-4
37.	硫酸鈷(二價) Cobalt(II) sulphate	10124-43-3	233-334-2
38.	硝酸鈷(二價) Cobalt(II) dinitrate	10141-05-6	233-402-1
39.	碳酸鈷(二價) Cobalt(II) carbonate	513-79-1	208-169-4
40.	醋酸鈷(二價) Cobalt(II) diacetate	71-48-7	200-755-8
41.	乙二醇甲醚 2-Methoxyethanol	109-86-4	203-713-7
42.	乙二醇乙醚 2-Ethoxyethanol	110-80-5	203-804-1
43.	三氧化鉻 Chromium trioxide	1333-82-0	215-607-8
44.	從三氧化鉻與其它寡聚體生成的酸類： 鉻酸, 重鉻酸, 鉻酸與重鉻酸的寡聚體 Acids generated from chromium trioxide and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2	231-801-5 236-881-5
45.	乙二醇乙醚乙酸酯 (2-ethoxyethyl acetate)	111-15-9	203-839-2
46.	鉻酸鋇 (strontium chromate)	7789-06-2	232-142-6

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47.	鄰苯二甲酸二(C7-11 支鏈與直鏈)烷基酯 (1,2-Benzenedicarboxylic acid, di-C7-11- branched and linear alkyl esters)	68515-42-4	271-084-6
48.	聯氨 (Hydrazine)	7803-57-8 302-01-2	206-114-9
49.	N-甲基吡咯烷酮 (1-methyl-2-pyrrolidone)	872-50-4	212-828-1
50.	1,2,3-三氯丙烷 (1,2,3-trichloropropane)	96-18-4	202-486-1
51.	鄰苯二甲酸二(C6-8 支鏈與直鏈)烷基酯，富 C7 (1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich)	71888-89-6	276-158-1
52.	鉻酸鉻 Dichromium tris(chromate)	24613-89-6	246-356-2
53.	氫氧化鉻酸鋅鉀 Potassium hydroxyoctaoxidizincatedichromate	11103-86-9	234-329-8
54.	八氫氧化五鉻酸鋅 Pentazinc chromate octahydroxide	49663-84-5	256-418-0
55.	甲醛與苯胺的寡聚反應物 Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1
56.	鄰苯二甲酸雙(2-甲氧基乙基)酯 Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6
57.	鄰甲氧基苯胺 2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1
58.	對特辛基苯酚/ 辛基酚 4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	205-426-2
59.	1,2-二氯乙烷 1,2-Dichloroethane	107-06-2	203-458-1
60.	雙(2-甲氧基乙基)醚 Bis(2-methoxyethyl) ether	111-96-6	203-924-4
61.	砷酸 Arsenic acid	7778-39-4	231-901-9
62.	砷酸鈣 Calcium arsenate	7778-44-1	231-904-5
63.	砷酸鉛 Trilead diarsenate	3687-31-8	222-979-5
64.	N,N-二甲基乙醯胺 N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4
65.	2,2'-二氯-4,4'-二氨基二苯基甲烷 2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9
66.	酚酞 Phenolphthalein	201-004-7	201-004-7
67.	疊氮化鉛 Lead diazide, Lead azide	13424-46-9	236-542-1
68.	中性斯蒂酚酸鉛 Lead styphnate	15245-44-0	239-290-0
69.	苦味酸鉛 Lead dipicrate	6477-64-1	229-335-2
70.	矽酸鋁，耐火陶瓷纖維(主要成分濃度於可變範圍內) Aluminosilicate, Refractory Ceramic Fibres oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges	Extracted from Index no. 650- 017-00-8	

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71.	鋯矽酸鋁，耐火陶瓷纖維(主要成分濃度於可變範圍內) Zirconia Aluminosilicate, Refractory Ceramic Fibres oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges	Extracted from Index no. 650-017-00-8	
72.	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme) 三甘醇二甲醚	112-49-2	203-977-3
73.	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) 乙二醇二甲醚	110-71-4	203-794-9
74.	Diboron trioxide 三氧化二硼	1303-86-2	215-125-8
75.	Formamide 甲醯胺	1975/12/7	200-842-0
76.	Lead(II) bis(methanesulfonate) 甲基磺酸鉛	17570-76-2	401-750-5
77.	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione) 異氰尿酸三縮水甘油酯	2451-62-9	219-514-3
78.	β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione) 異氰尿酸 β-三縮水甘油酯	59653-74-6	423-400-0
79.	4,4'-bis(dimethylamino)benzophenone (Michler's ketone) 4,4'-二(N,N-二甲氨基)二苯甲酮 (米氏酮)	90-94-8	202-027-5
80.	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) 4,4'-(对二甲氨基)二苯基甲烷 (米氏鹼)	101-61-1	202-959-2
81.	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) 鹼性紫 3	548-62-9	208-953-6
82.	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) 鹼性藍 26	2580-56-5	219-943-6
83.	α,α-Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) 溶劑藍 4	6786-83-0	229-851-8
84.	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol α, α-二[(二甲氨基)苯基]-4-甲氨基苯甲醇	561-41-1	209-218-2
85.	十溴聯苯醚 Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	214-604-9
86.	全氟十三酸 Pentacosafuorotridecanoic acid	72629-94-8	276-745-2
87.	全氟十二酸 Tricosafuorododecanoic acid	307-55-1	206-203-2
88.	全氟十一酸 Heni cosafuoroundecanoic acid	2058-94-8	218-165-4
89.	全氟十四酸 Heptacosafuorotetradecanoic acid	-	-

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90.	4-(1,1,3,3-四甲基丁基)苯酚, 乙氧基- 以及所有的被定義的物質, 未知成分或可變成分的物質, 聚合物和同系物 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues	-	-
91.	分支或線性的壬基酚, 包括含有 9 個碳烷基鏈的所有獨立的同分異構體和所有含有線性或分支 9 個碳烷基鏈的 UVCB 物質 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	-	-
92.	偶氮[二]甲醯胺 Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8
93.	六氫苯二甲酸酐 Cyclohexane-1,2-dicarboxylic anhydride (HHPA), ciscyclohexane-1,2-dicarboxylic anhydride, transcyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9
94.	甲基六氫苯酐 Hexahydromethyl phthalic anhydride 4- 甲基六氫苯酐 Hexahydro- 4- methyl phthalic anhydride 1- 甲基六氫苯酐 Hexahydro- 1- methyl phthalic anhydride 3- 甲基六氫苯酐 Hexahydro- 3- methyl phthalic anhydride	25550-51-0 19438-60-9 48122-14-1 57110-29-9	247-094-1 243-072-0 256-356-4 260-566-1
95.	甲氧基乙酸 Methoxy acetic acid	625-45-6	210-894-6
96.	支鏈和直鏈 1, 2- 苯二羧二戊酯 1, 2- Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2
97.	鄰苯二甲酸二異戊酯 Diisopentyl phthalate	605-50-5	210-088-4
98.	鄰苯二甲酸正戊基異戊基酯 N-pentyl-isopentyl phthalate	776297-69-9	-
99.	乙二醇二乙醚 1, 2-Diethoxyethane	629-14-1	211-076-1
100.	N, N- 二甲基甲醯胺 N, N-dimethylformamide; dimethylformamide	68-12-2	200-679-5
101.	二氯二丁基錫 Dibutyltin dichloride (DBTC)	683-18-1	211-670-0
102.	碱式醋酸鉛 Acetic acid, lead salt, basic	51404-69-4	257-175-3
103.	碱式碳酸鉛 Trilead bis(carbonate)dihydroxide (basic lead carbonate)	1319-46-6	215-290-6
104.	碱式硫酸鉛 Lead oxide sulfate	12036-76-9	234-853-7

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105.	[1,2-苯二羧酸根合]二氧化三鉛 [Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5
106.	雙(十八酸基)二氧代三鉛 Dioxobis(stearato)trilead	12578-12-0	235-702-8
107.	C16-18-脂肪酸鉛鹽 Fatty acids, C16-18, lead salts	91031-62-8	292-966-7
108.	氨基氰鉛鹽 Lead cyanamidate	20837-86-9	244-073-9
109.	硝酸鉛 Lead dinitrate	10099-74-8	233-245-9
110.	氧化鉛 Lead oxide (lead monoxide)	1317-36-8	215-267-0
111.	四氧化鉛 Lead tetroxide (orange lead)	1314-41-6	215-235-6
112.	氧化鉛與硫酸鉛的複合物 Pentalead tetraoxide sulphate	12065-90-6	235-067-7
113.	矽酸鉛 Silicic acid, lead salt	11120-22-2	234-363-3
114.	亞硫酸鉛 (II) Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1
115.	四乙基鉛 Tetraethyllead	78-00-2	201-075-4
116.	三鹼式硫酸鉛/ C.I. 顏料白 Tetralead trioxide sulphate	12202-17-4	235-380-9
117.	四氟硼酸鉛(II) Lead bis(tetrafluoroborate)	13814-96-5	237-486-0
118.	鈦酸鉛 Lead titanium trioxide	12060-00-3	235-038-9
119.	鈦酸鉛鋯 Lead Titanium Zirconium Oxide	12626-81-2	235-727-4
120.	C.I.顏料黃 41 Pyrochlore, antimony lead yellow	8012-00-8	232-382-1
121.	磷酸氧化鉛 Trilead dioxide phosphonate	12141-20-7	235-252-2
122.	含鉛的矽酸鋇 Silicic acid, barium salt, lead-doped	68784-75-8	272-271-5
123.	呋喃 Furan	110-00-9	203-727-3
124.	環氧丙烷 Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	200-879-2
125.	硫酸二乙酯 Diethyl sulphate	64-67-5	200-589-6
126.	硫酸二甲酯 Di methyl sulphate	77-78-1	201-058-1
127.	3-乙基-2-甲基-2-(3-甲基丁基)-1,3-惡唑烷 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7
128.	2-(1-甲基丙基)-4,6-二硝基苯酚 Dinoseb	88-85-7	201-861-7
129.	4,4'-二氨基-3,3'-二甲基聯苯基甲烷 4,4'-methylenedi- o-toluidine	838-88-0	212-658-8
130.	4,4'-二氨基二苯醚 4,4'-oxydianiline and its salts	101-80-4	202-977-0
131.	4-苯基偶氮基苯胺 4-Ami noazobenzene; 4- Phenylazoaniline	60-09-3	200-453-6
132.	2,4-二氨基甲苯 4-methyl-m-phenylenedi amine (2,4- toluene-di amine)	95-80-7	202-453-1
133.	3-甲基-6-甲氧基苯胺 6-methoxy-m-tolui di ne (p- cresi di ne)	120-71-8	204-419-1
134.	4-胺基聯苯 Bi phenyl-4-yl amine	92-67-1	202-177-1

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135.	鄰氨基偶氮甲苯 o-aminoazotoluene	97-56-3	202-591-2
136.	鄰甲苯胺 o-Toluidine; 2-Aminotoluene	95-53-4	202-429-0
137.	N-甲基乙醯胺 N-methylacetamide	79-16-3	201-182-6
138.	正丙基溴 1-bromopropane	106-94-5	203-445-0
139	全氟辛酸 Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9
140	全氟辛酸銨 Ammoniumpentadecafluorootanoate (APFO)	3825-26-1	223-320-4
141	鎘 Cadmium	7440-43-9	231-152-8
142	氧化鎘 Cadmium oxide	1306-19-0	215-146-2
143	分支或線性的乙氧化壬基酚，包括含有 9 個碳烷基鏈的所有獨立的同分異構體和所有含有線性或分支 9 個碳烷基鏈的 UVCB 物質 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]	-	-
144	鄰苯二甲酸二戊酯 Dipentyl phthalate (DPP)	131-18-0	205-017-9



2013/ 7/ 24

Date

Manager

Authorized representative title

L.Y.YI

Authorized representative signature

L.Y.YI