

Test Report

No.: EG181206023C01ZVer.2

Date: Jan. 29, 2019

Page 1 of 23

Applicant : Gold East Paper (Jiangsu) Co.,Ltd
委托单位 : 金东纸业(江苏)股份有限公司
Address : No.8 Xing Gang East Road, Dagang,Zhenjiang, Jiangsu China.
地 址 : 中国江苏省镇江市大港兴港东路 8 号
Sample Name : Coated paper
样品名称 : 铜版纸
Quantity : 1pc
数 量 : 1pc
Model : /
型 号 : /
Lot No. : /
批 号 : /
Supplier : /
供 应 商 : /
Received Date : Dec. 06, 2018
接收日期 : 2018 年 12 月 06 日
Testing Period : Dec. 06, 2018 ~ Jan. 29, 2019
检测日期 : 2018 年 12 月 06 日~2019 年 01 月 29 日

Test Summary 检测概要

No.序号	Test Item 检测项目	检测结论
1	REACH regulation (EC) No. 1907/2006 the 197 Substances of Very High Concern 欧盟 REACH 法规 (1907/2006/EC) 197 项高关注度物质 (SVHC)	Pass

Remark: Pass: meet the requirement; Fail: Doesn't meet the requirement; N/A: Without conclusions or provide test results only.注: Pass: 符合要求; Fail: 不符合要求; N/A: 不评价或仅提供检测结果

Signed for and on behalf of
EMTEK (SUZHOU) CO., LTD

Prepared by: Betty
Zhuang Yongchan, Betty
Assistant Engineer

Reviewed by: Jason
Jiang Yufeng, Jason
Technical supervisor

Approved by: Mickey
Yuan Qi, Mickey
Authorized signatory
Jan. 29, 2019



This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Test Report

No.: EG181206023C01ZVer.2

Date: Jan. 29, 2019

Page 2 of 23

Sample Description 样品描述

Sample No. 样品序号	Sample Number 样品编号
01	EG18120602301

Summary of Test Results 检测结果汇总

1. SVHC

1.1 Test Method 检测方法

Test Item 检测项目	Test Method 测试方法
the 197 Substances of Very High Concern 197 项高关注度物质 (SVHC)	Acid digestion, Ultrasonic extraction, Headspace, Boiling-water-extraction, Alkali digestion, Oxygen bomb burning and Internal laboratory method of EMTEK 酸消解、超声波萃取法、顶空法、沸水萃取、碱式消解、氧弹燃烧及 EMTEK 实验室内部方法

1.2 Test Instrument 检测设备

Instrument Name 设备名称	Manufacture 设备厂家	Model 设备型号
ICP-OES	Agilent	720
UV-VIS	SHIMADZU	UV-2600
IC	Thermo Fisher	ICS-900
GC-MS	Agilent	7890B-5977A
GC-MS	SHIMADZU	QP2010 Ultra
HS-GCMS	SHIMADZU	HS-20 QP2010 Ultra
LC-MS	SHIMADZU	LCMS 2020
LC	SHIMADZU	LC-20AD

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Test Report

No.: EG181206023C01ZVer.2

Date: Jan. 29, 2019

Page 3 of 23

1.3 Test Result 检测结果

Code 序号	Test Item 项目	CAS No.	EC No.	RL (%)	Result 结果(%)
					01
1	Anthracene 蒽	120-12-7	204-371-1	0.05	N.D.
2	4,4'- Diaminodiphenylmethane 4,4'-二氨基二苯基甲烷 (MDA)	101-77-9	202-974-4	0.05	N.D.
3	Dibutyl phthalate 邻苯二甲酸二丁酯 (DBP)	84-74-2	201-557-4	0.05	N.D.
4	Cobalt dichloride** 氯化钴**	7646-79-9	231-589-4	0.005	N.D.
5	Diarsenic pentaoxide ** 五氧化二砷**	1303-28-2	215-116-9	0.005	N.D.
6	Diarsenic trioxide ** 三氧化二砷**	1327-53-3	215-481-4	0.005	N.D.
7	Sodium dichromate 重铬酸钠	7789-12-0 10588-01-9	234-190-3	0.005	N.D.
8	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) 二甲苯麝香	81-15-2	201-329-4	0.05	N.D.
9	Bis (2-ethyl(hexyl)phthalate) 邻苯二甲酸二(2-乙基己基)酯 (DEHP)	117-81-7	204-211-0	0.05	N.D.
10	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD) 六溴环十二烷 (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4	247-148-4 221-695-9 (134237-50-6, 134237-51-7, 134237-52-8)	0.05	N.D.
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) 短链氯化石蜡	85535-84-8	287-476-5	0.05	N.D.
12	Bis(tributyltin)oxide* 三丁基氧化锡* (TBTO)	56-35-9	200-268-0	0.05	N.D.
13	Lead hydrogen arsenate** 砷酸氢铅**	7784-40-9	232-064-2	0.005	N.D.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Test Report

No.: EG181206023C01ZVer.2

Date: Jan. 29, 2019

Page 4 of 23

Code 序号	Test Item 项目	CAS No.	EC No.	RL (%)	Result 结果(%)
					01
14	Benzyl butyl phthalate 邻苯二甲酸丁苄酯 (BBP)	85-68-7	201-622-7	0.05	N.D.
15	Triethyl arsenate 三乙基砷酸酯	15606-95-8	427-700-2	0.005	N.D.
16	Anthracene oil 蒽油	90640-80-5	292-602-7	0.05	N.D.
17	Anthracene oil, anthracene paste, distn. Lights 蒽油、蒽糊、轻油	91995-17-4	295-278-5	0.05	N.D.
18	Anthracene oil, anthracene paste, anthracene fraction 蒽油、蒽糊、蒸馏分	91995-15-2	295-275-9	0.05	N.D.
19	Anthracene oil, anthracene-low 蒽油, 少蒽	90640-82-7	292-604-8	0.05	N.D.
20	Anthracene oil, anthracene paste 蒽油、蒽糊	90640-81-6	292-603-2	0.05	N.D.
21	Coal tar pitch, high temperature 高温煤沥青	65996-93-2	266-028-2	0.05	N.D.
22	2,4-Dinitrotoluene 2,4-二硝基甲苯	121-14-2	204-450-0	0.05	N.D.
23	Diisobutyl phthalate 邻苯二甲酸二异丁酯(DIBP)	84-69-5	201-553-2	0.05	N.D.
24	Lead chromate** 铬酸铅**	7758-97-6	231-846-0	0.005	N.D.
25	Lead chromate molybdate sulphate red ** (C. I. Pigment Red 104) 钼铬酸铅红** (C.I.颜料红104)	12656-85-8	235-759-9	0.005	N.D.
26	Lead sulfochromate yellow** (C. I. Pigment Yellow 34) 铬酸铅黄** (C.I.颜料黄34)	1344-37-2	215-693-7	0.005	N.D.
27	Tris(2-chloroethyl)phosphate 三(2-氯乙基)磷酸盐	115-96-8	204-118-5	0.05	N.D.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Test Report

No.: EG181206023C01ZVer.2

Date: Jan. 29, 2019

Page 5 of 23

Code 序号	Test Item 项目	CAS No.	EC No.	RL (%)	Result 结果(%)
					01
28	Acrylamide 丙烯酰胺	79-06-1	201-173-7	0.05	N.D.
29	Trichloroethylene 三氯乙烯	79-01-6	201-167-4	0.05	N.D.
30	Boric acid ** 硼酸**	10043-35-3 11113-50-1	233-139-2 234-343-4	0.005	N.D.
31	Disodium tetraborate, anhydrous ** 四硼酸钠, 无水**	1303-96-4 1330-43-4 12179-04-3	215-540-4	0.005	N.D.
32	Tetraboron disodium heptaoxide, hydrate ** 水合硼酸钠**	12267-73-1	235-541-3	0.005	N.D.
33	Sodium chromate ** 铬酸钠**	7775-11-3	231-889-5	0.005	N.D.
34	Potassium chromate ** 铬酸钾**	7789-00-6	232-140-5	0.005	N.D.
35	Ammonium dichromate ** 重铬酸铵**	7789-09-5	232-143-1	0.005	N.D.
36	Potassium dichromate ** 重铬酸钾**	7778-50-9	231-906-6	0.005	N.D.
37	Cobalt(II) sulphate** 硫酸钴(II)**	10124-43-3	233-334-2	0.005	N.D.
38	Cobalt(II) dinitrate** 硝酸钴(II)**	10141-05-6	233-402-1	0.005	N.D.
39	Cobalt (II) carbonate** 碳酸钴(II)**	513-79-1	208-169-4	0.005	N.D.
40	Cobalt(II) diacetate** 醋酸钴(II)**	71-48-7	200-755-8	0.005	N.D.
41	2-Methoxyethanol 乙二醇单甲醚	109-86-4	203-713-7	0.05	N.D.
42	2-Ethoxyethanol 乙二醇单乙醚	110-80-5	203-804-1	0.05	N.D.
43	Chromium trioxide** 三氧化铬**	1333-82-0	215-607-8	0.005	N.D.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Test Report

No.: EG181206023C01ZVer.2

Date: Jan. 29, 2019

Page 6 of 23

Code 序号	Test Item 项目	CAS No.	EC No.	RL (%)	Result 结果(%)
					01
44	Acids generated from chromium trioxide and their oligomers** Group containing: Chromic acid Dichromic acid Oligomers of chromic acid and dichromic acid 铬酸及其低聚物产生的酸类** 铬酸 重铬酸 铬酸和重铬酸的低聚物	7738-94-5 13530-68-2	231-801-5 236-881-5	0.005	N.D.
45	2-ethoxyethyl acetate 乙二醇乙醚乙酸酯	111-15-9	203-839-2	0.05	N.D.
46	Strontium chromate** 铬酸锶**	7789-06-2	232-142-6	0.005	N.D.
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters 邻苯二甲酸二(C7-11支链与直链)烷基酯 (DHNUP)	68515-42-4	271-084-6	0.05	N.D.
48	Hydrazine 肼	302-01-2 7803-57-8	206-114-9	0.05	N.D.
49	1-methyl-2-pyrrolidone N-甲基吡咯烷酮	872-50-4	212-828-1	0.05	N.D.
50	1,2,3-trichloropropane 1,2,3-三氯丙烷	96-18-4	202-486-1	0.05	N.D.
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich 邻苯二甲酸二(C6-8支链与直链)烷基酯, 富 C7(DIHP)	71888-89-6	276-158-1	0.05	N.D.
52	Lead styphnate** 2,4,6-三硝基苯二酚铅**	15245-44-0	239-290-0	0.005	N.D.
53	Lead diazide, Lead azide** 叠氮化铅**	13424-46-9	236-542-1	0.005	N.D.
54	Lead dipicrate** 苦味酸铅**	6477-64-1	229-335-2	0.005	N.D.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Test Report

No.: EG181206023C01ZVer.2

Date: Jan. 29, 2019

Page 7 of 23

Code 序号	Test Item 项目	CAS No.	EC No.	RL (%)	Result 结果(%)
					01
55	Phenolphthalein 酚酞	77-09-8	201-004-7	0.05	N.D.
56	2,2'-Dichloro-4,4'-methylenedianiline 2,2'-二氯-4,4'-亚甲基双苯胺	101-14-4	202-918-9	0.05	N.D.
57	N,N-dimethylacetamide N,N-二甲基乙酰胺	127-19-5	204-826-4	0.05	N.D.
58	Trilead diarsenate** 砷酸铅**	3687-31-8	222-979-5	0.005	N.D.
59	Calcium arsenate** 砷酸钙**	7778-44-1	231-904-5	0.005	N.D.
60	Arsenic acid** 砷酸**	7778-39-4	231-901-9	0.005	N.D.
61	Bis(2-methoxyethyl) ether 二乙二醇二甲醚	111-96-6	203-924-4	0.05	N.D.
62	1,2-Dichloroethane 1,2-二氯乙烷	107-06-2	203-458-1	0.05	N.D.
63	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol) 4-(1,1,3,3-四甲基丁基)苯酚; 4-(叔辛基)苯酚	140-66-9	205-426-2	0.05	N.D.
64	2-Methoxyaniline; o-Anisidine 2-甲氧基苯胺; 邻甲氧基苯胺	90-04-0	201-963-1	0.05	N.D.
65	Bis(2-methoxyethyl) phthalate 邻苯二甲酸二甲氧乙酯(DMEP)	117-82-8	204-212-6	0.05	N.D.
66	Formaldehyde, oligomeric reaction products with aniline (technical MDA) 甲醛苯胺共聚物	25214-70-4	500-036-1	0.05	N.D.
67	Zirconia Aluminosilicate Refractory Ceramic Fibres*** 氧化锆硅酸铝耐火陶瓷纤维(Zr-RCF)***	/	/	0.005	N.D.
68	Aluminosilicate Refractory Ceramic Fibres (RCF)*** 硅酸铝耐火陶瓷纤维(RCF)***	/	/	0.005	N.D.
69	Pentazinc chromate octahydroxide** 锌黄(C.I.颜料黄 36)**	49663-84-5	256-418-0	0.005	N.D.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Test Report

No.: EG181206023C01ZVer.2

Date: Jan. 29, 2019

Page 8 of 23

Code 序号	Test Item 项目	CAS No.	EC No.	RL (%)	Result 结果(%)
					01
70	Potassium hydroxyoctaoxodizincatedi-chromate** 氢氧化铬酸锌钾**	11103-86-9	234-329-8	0.005	N.D.
71	Dichromium tris chromate** 铬酸铬**	24613-89-6	246-356-2	0.005	N.D.
72	α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino) naphthalene-1-methanol**** (C.I. Solvent Blue 4) 溶剂蓝 4 ****	6786-83-0	229-851-8	0.05	N.D.
73	N,N,N',N'-tetramethyl-4,4'-methylenedianil ine (Michler's base) N,N,N'N'-四甲基-4,4'-二氨基二苯甲烷	101-61-1	202-959-2	0.05	N.D.
74	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β -TGIC) 1,3,5-三(环氧乙烷基甲基)-1,3,5-三嗪 -2,4,6-(1H,3H,5H)-三酮立体异构体	59653-74-6	423-400-0	0.05	N.D.
75	Diboron trioxide** 三氧化二硼**	1303-86-2	215-125-8	0.005	N.D.
76	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme) 三甘醇二甲醚(TEGDME)	112-49-2	203-977-3	0.05	N.D.
77	4,4'-bis(dimethylamino)-4''-(methylamino)t rityl alcohol 4,4'-二[(二甲氨基)苯基]-4-甲氨基苯甲醇	561-41-1	209-218-2	0.05	N.D.
78	Lead(II) bis(methanesulfonate) 甲基磺酸铅 Lead(II)	17570-76-2	401-750-5	0.005	N.D.
79	Formamide 甲酰胺	75-12-7	200-842-0	0.05	N.D.
80	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylid ene]dimethylammonium chloride **** 结晶紫****	548-62-9	208-953-6	0.05	N.D.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Test Report

No.: EG181206023C01ZVer.2

Date: Jan. 29, 2019

Page 9 of 23

Code 序号	Test Item 项目	CAS No.	EC No.	RL (%)	Result 结果(%)
					01
81	1,2-dimethoxyethane; ethylene glycol dimethyl ether 1,2-二甲氧基乙烷 (EGDME)	110-71-4	203-794-9	0.05	N.D.
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) **** 碱性蓝 26****	2580-56-5	219-943-6	0.05	N.D.
83	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione 1,3,5-三缩水甘油-S-三嗪三酮;异氰尿酸三缩水甘油酯 (TGIC)	2451-62-9	219-514-3	0.05	N.D.
84	4,4'-bis(dimethylamino)benzophenone (Michler's ketone) 4,4'-二(N,N-二甲氨基)二苯甲酮; 米蚩酮; 四甲基米氏酮	90-94-8	202-027-5	0.05	N.D.
85	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] 甲基六氢苯酐、4-甲基六氢苯酐、甲基六氢化邻苯二甲酸酐、3-甲基六氢苯二甲酯酐	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	0.05	N.D.
86	6-methoxy-m-toluidine (p-cresidine) 2-甲氧基-5-甲基苯胺	120-71-8	204-419-1	0.05	N.D.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Test Report

No.: EG181206023C01ZVer.2

Date: Jan. 29, 2019

Page 10 of 23

Code 序号	Test Item 项目	CAS No.	EC No.	RL (%)	Result 结果(%)
					01
87	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] 环己烷-1,2 -二羧酸酐 顺式-环己烷-1 -1,2 -二羧酸酐 反式环己烷-1,2 -二羧酸酐	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9	0.05	N.D.
88	Pyrochlore, antimony lead yellow 烧绿石, 锑铅黄	8012-00-8	232-382-1	0.005	N.D.
89	Henicosfluoroundecanoic acid 全氟十一烷酸	2058-94-8	218-165-4	0.05	N.D.
90	4-Aminoazobenzene 4-氨基偶氮苯	60-09-3	200-453-6	0.05	N.D.
91	Silicic acid, lead salt ** 硅酸铅**	11120-22-2	234-363-3	0.005	N.D.
92	Lead titanium zirconium oxide ** 钛酸铅锆**	12626-81-2	235-727-4	0.005	N.D.
93	Lead monoxide(lead oxide) ** 氧化铅**	1317-36-8	215-267-0	0.005	N.D.
94	o-Toluidine 邻甲基苯胺	95-53-4	202-429-0	0.05	N.D.
95	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-ox azolidine 3-乙基-2-甲基-2-(3-甲基丁基)-1,3-恶唑烷	143860-04-2	421-150-7	0.05	N.D.
96	Dibutyltin dichloride 二丁基二氯化锡 (DBTC)	683-18-1	211-670-0	0.05	N.D.
97	Lead bis(tetrafluoroborate) ** 四氟硼酸铅**	13814-96-5	237-486-0	0.005	N.D.
98	Lead dinitrate ** 硝酸铅**	10099-74-8	233-245-9	0.005	N.D.
99	Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped** 掺杂铅的硅钡酸盐**	68784-75-8	272-271-5	0.005	N.D.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Test Report

No.: EG181206023C01ZVer.2

Date: Jan. 29, 2019

Page 11 of 23

Code 序号	Test Item 项目	CAS No.	EC No.	RL (%)	Result 结果(%)
					01
100	Trilead bis(carbonate)dihydroxide** 碱式碳酸铅**	1319-46-6	215-290-6	0.005	N.D.
101	4,4'-methylenedi-o-toluidine 4,4'-二氨基-3,3'-二甲基联苯基甲烷	838-88-0	212-658-8	0.05	N.D.
102	Diethyl sulphate 硫酸二乙酯	64-67-5	200-589-6	0.05	N.D.
103	Dimethyl sulphate 硫酸二甲酯	77-78-1	201-058-1	0.05	N.D.
104	N,N-dimethylformamide N,N-二甲基甲酰胺	68-12-2	200-679-5	0.05	N.D.
105	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated 乙氧基化 4-(1,1,3,3-四甲基丁基)苯酚 (乙 氧基化对特辛基苯酚)	/	/	0.05	N.D.
106	4-Nonylphenol, branched and linear 直链和支链 4-壬基苯酚	/	/	0.05	N.D.
107	Furan 呋喃	110-00-9	203-727-3	0.05	N.D.
108	Lead oxide sulfate ** 碱式硫酸铅**	12036-76-9	234-853-7	0.005	N.D.
109	Lead titanium trioxide ** 钛酸铅**	12060-00-3	235-038-9	0.005	N.D.
110	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE) 十溴联苯醚(DecaBDE)	1163-19-5	214-604-9	0.05	N.D.
111	Dinoseb (6-sec-butyl-2,4-dinitrophenol) 地乐酚(6-仲丁基-2,4-二硝基苯酚)	88-85-7	201-861-7	0.05	N.D.
112	1,2-Diethoxyethane 1,2-二乙氧基乙烷	629-14-1	211-076-1	0.05	N.D.
113	N-methylacetamide N-甲基乙酰胺	79-16-3	201-182-6	0.05	N.D.
114	Tetralead trioxide sulphate ** 三碱式硫酸铅**	12202-17-4	235-380-9	0.005	N.D.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Test Report

No.: EG181206023C01ZVer.2

Date: Jan. 29, 2019

Page 12 of 23

Code 序号	Test Item 项目	CAS No.	EC No.	RL (%)	Result 结果(%)
					01
115	Acetic acid, lead salt, basic ** 碱式乙酸铅**	51404-69-4	257-175-3	0.005	N.D.
116	[Phthalato(2-)]dioxotrilead** [1,2-苯二羧酸根合]二氧化三铅**	69011-06-9	273-688-5	0.005	N.D.
117	Tetraethyllead ** 四乙基铅**	78-00-2	201-075-4	0.005	N.D.
118	N-pentyl-isopentylphthalate 1-(3-甲基丁基)2-戊基酯	776297-69-9	/	0.005	N.D.
119	Pentalead tetraoxide sulphate ** 氧化铅与硫酸铅的复合物 **	12065-90-6	235-067-7	0.005	N.D.
120	Heptacosafuorotetradecanoic acid 全氟十四酸	376-06-7	206-803-4	0.05	N.D.
121	Tricosafuorododecanoic acid 全氟十二酸	307-55-1	206-203-2	0.05	N.D.
122	1-bromopropane (n-propyl bromide) 溴代正丙烷	106-94-5	203-445-0	0.05	N.D.
123	Dioxobis(stearato)trilead 双(十八烷基)二氧代三铅	12578-12-0	235-702-8	0.005	N.D.
124	Pentacosafuorotridecanoic acid 全氟十三酸	72629-94-8	276-745-2	0.05	N.D.
125	Methoxyacetic acid 甲氧基乙酸	625-45-6	210-894-6	0.05	N.D.
126	Methyloxirane (Propylene oxide) 环氧丙烷	75-56-9	200-879-2	0.05	N.D.
127	Trilead dioxide phosphonate 二碱式亚磷酸铅	12141-20-7	235-252-2	0.005	N.D.
128	o-aminoazotoluene 邻氨基偶氮甲苯	97-56-3	202-591-2	0.05	N.D.
129	4-methyl-m-phenylenediamine 2,4-二氨基甲苯	95-80-7	202-453-1	0.05	N.D.
130	Diisopentylphthalate 邻苯二甲酸二异戊酯(DIPP)	605-50-5	210-088-4	0.05	N.D.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Test Report

No.: EG181206023C01ZVer.2

Date: Jan. 29, 2019

Page 13 of 23

Code 序号	Test Item 项目	CAS No.	EC No.	RL (%)	Result 结果(%)
					01
131	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear 支链和直链 1,2-苯二羧二戊酯	84777-06-0	284-032-2	0.05	N.D.
132	Biphenyl-4-ylamine 联苯-4-胺	92-67-1	202-177-1	0.05	N.D.
133	Fatty acids, C16-18, lead salts ** C16-18-脂肪酸铅盐**	91031-62-8	292-966-7	0.005	N.D.
134	Orange lead (lead tetroxide) ** 四氧化三铅**	1314-41-6	215-235-6	0.005	N.D.
135	4,4'-oxydianiline and its salts 4,4'-二氨基二苯醚及其盐	101-80-4	202-977-0	0.05	N.D.
136	Diazene-1,2-dicarboxamide (C,C'-azodi (formamide)) 偶氮二甲酰胺	123-77-3	204-650-8	0.05	N.D.
137	Sulfurous acid, lead salt, dibasic ** 碱式亚硫酸铅(II)盐**	62229-08-7	263-467-1	0.005	N.D.
138	Lead cyanamidate ** 氨基氰铅(II)盐 **	20837-86-9	244-073-9	0.005	N.D.
139	Cadmium 镉	7440-43-9	231-152-8	0.005	N.D.
140	Cadmium oxide** 氧化镉**	1306-19-0	215-146-2	0.005	N.D.
141	Dipentyl phthalate 邻苯二甲酸二戊酯 (DPP)	131-18-0	205-017-9	0.05	N.D.
142	4-Nonylphenol, branched and linear, ethoxylated 乙氧基化4壬基酚、支链和直链	/	/	0.05	N.D.
143	Ammonium pentadecafluorooctanoate 全氟辛酸铵 (APFO)	3825-26-1	223-320-4	0.05	N.D.
144	Pentadecafluorooctanoic acid 全氟辛酸 (PFOA)	335-67-1	206-397-9	0.05	N.D.
145	Cadmium sulphide 硫化镉	1306-23-6	215-147-8	0.005	N.D.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Test Report

No.: EG181206023C01ZVer.2

Date: Jan. 29, 2019

Page 14 of 23

Code 序号	Test Item 项目	CAS No.	EC No.	RL (%)	Result 结果(%)
					01
146	Dihexyl phthalate 邻苯二甲酸二己酯 (DnHP)	84-75-3	201-559-5	0.05	N.D.
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) C.I.直接红 28	573-58-0	209-358-4	0.05	N.D.
148	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) CI 直接黑 38	1937-37-7	217-710-3	0.05	N.D.
149	Imidazolidine-2-thione; 2-imidazoline-2-thiol 亚乙基硫脲	96-45-7	202-506-9	0.05	N.D.
150	Lead di(acetate) 铅底 (醋酸)	301-04-2	206-104-4	0.005	N.D.
151	Trixylyl phosphate 磷酸三(二甲苯)酯	25155-23-1	246-677-8	0.05	N.D.
152	Cadmium chloride** 氯化镉**	10108-64-2	233-296-7	0.005	N.D.
153	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear 邻苯二甲酸二(支链与直链)己基酯	68515-50-4	271-093-5	0.05	N.D.
154	Sodium peroxometaborate** 过硼酸钠**	7632-04-4	231-556-4	0.005	N.D.
155	Sodium perborate; perboric acid, sodium salt** 过硼酸钠;过硼酸,钠盐**	/	239-172-9 234-390-0	0.005	N.D.
156	2-(2'-Hydroxy-3',5'-di-tert-butylphenyl)benzotriazole (UV-320) 紫外吸收剂	3846-71-7	223-346-6	0.05	N.D.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Test Report

No.: EG181206023C01ZVer.2

Date: Jan. 29, 2019

Page 15 of 23

Code 序号	Test Item 项目	CAS No.	EC No.	RL (%)	Result 结果(%)
					01
157	UV-328 紫外吸收剂	25973-55-1	247-384-8	0.05	N.D.
158	Cadmium fluoride** 氟化镉**	7790-79-6	232-222-0	0.005	N.D.
159	Cadmium sulphate** 硫酸镉**	10124-36-4; 31119-53-6	233-331-6	0.005	N.D.
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate; DOTE 二正辛基-双(巯乙酸 2-乙基己酯)锡 (DOTE)	15571-58-1	239-622-4	0.05	N.D.
161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE) 二正辛基-双(巯乙酸 2-乙基己酯) (DOTE) 和三(2-乙基己基巯基乙酸)辛锡 (MOTE) 反应物料	/	/	0.05	N.D.
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥0.3% of dihexyl phthalate 邻苯二甲酸二(C6-C10)烷基酯; (癸基, 己基, 辛基)酯与 1,2-邻苯二甲酸的复合物且邻苯二甲酸二己酯含量≥ 0.3%	68515-51-5 68648-93-1	271-094-0 272-013-1	0.05	N.D.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Test Report

No.: EG181206023C01ZVer.2

Date: Jan. 29, 2019

Page 16 of 23

Code 序号	Test Item 项目	CAS No.	EC No.	RL (%)	Result 结果(%)
					01
163	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 stereoisomers of [1] and [2] or any combination thereof] 卡拉花醛及其同分异构体	/	/	0.05	N.D.
164	Nitrobenzene 硝基苯	98-95-3	202-716-0	0.05	N.D.
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol 2-(2'-羟基-3',5'-二叔丁基苯基)-5-氯代苯并三唑 (UV-327)	3864-99-1	223-383-8	0.05	N.D.
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol 2-(2'-羟基-3'-异丁基-5'-叔丁基苯基)苯并三唑(UV-350)	36437-37-3	253-037-1	0.05	N.D.
167	1,3-propanesultone 1,3-丙烷磺内酯	1120-71-4	214-317-9	0.05	N.D.
168	Perfluorononan-1-oi-c-acid and its sodium and ammonium salts 全氟壬酸及其钠和铵盐	375-95-1 21049-39-8 4149-60-4	206-801-3	0.05	N.D.
169	Benzo[a]pyrene 苯并(a)芘	50-32-8	200-028-5	0.05	N.D.
170	4,4'-isopropylidenediphenol (bisphenol A; BPA) 双酚A (BPA)	80-05-7	201-245-8	0.05	N.D.
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts 十九氟癸酸 (PFDA) 及其钠盐和铵盐	335-76-2 3830-45-3 3108-42-7	206-400-3 / 221-470-5	0.05	N.D.
172	p-(1,1-dimethylpropyl)phenol 4-(1,1-二甲基丙基)苯酚 (别名: 对叔戊基苯酚)	80-46-6	201-280-9	0.05	N.D.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Test Report

No.: EG181206023C01ZVer.2

Date: Jan. 29, 2019

Page 17 of 23

Code 序号	Test Item 项目	CAS No.	EC No.	RL (%)	Result 结果(%)
					01
173	4-heptylphenol, 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 UVCB- and well-defined substances which include any of the individual isomers or a combination thereof] 支链与直链的4-庚基酚（直链和/或支链的 具有7个碳原子的烷基链共价键在4位的苯 酚，囊括了UVCB和定义明确的物质，其中 包括任何单独异构体和/或它们的组合）	/	/	0.05	N.D.
174	Perfluorohexane-1-sulfonic acid and its salts 全氟己基磺酸及其盐(PFHxS)	/	/	0.05	N.D.
175	Chrysene 屈	218-01-9	205-923-4	0.05	N.D.
176	Benz[a]anthracene 苯并[a]蒽	56-55-3	200-280-6	0.05	N.D.
177	Cadmium nitrate 硝酸镉	10325-94-7	233-710-6	0.005	N.D.
178	Cadmium hydroxide 氢氧化镉	21041-95-2	244-168-5	0.005	N.D.
179	Cadmium carbonate 碳酸镉	513-78-0	208-168-9	0.005	N.D.
180	1,6,7,8,9,14,15,16,17,17,18,18- Dodecachloropentacyclo[12.2.1.16,9.02,1 3.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof] 德克隆[包括所有反式和顺式异构体及其组 合]	/	/	0.05	N.D.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Test Report

No.: EG181206023C01ZVer.2

Date: Jan. 29, 2019

Page 18 of 23

Code 序号	Test Item 项目	CAS No.	EC No.	RL (%)	Result 结果(%)
					01
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with $\geq 0.1\%$ w/w 4-heptylphenol, branched and linear] 1,3,4-噻二唑烷-2,5-二硫酮, 甲醛和 4-庚基 苯酚的支链和直链 (RP-HP) 的反应产物[4- 庚基苯酚, 支链和直链含量 $\geq 0.1\% w/w$]	/	/	0.05	N.D.
182	Octamethylcyclotetrasiloxane 八甲基环四硅氧烷(D4)	556-67-2	209-136-7	0.05	N.D.
183	Decamethylcyclopentasiloxane (D5)十甲 基环五硅氧烷 (D5)	541-02-6	208-764-9	0.05	N.D.
184	Dodecamethylcyclohexasiloxane (D6) 十二甲基环六硅氧烷 (D6)	540-97-6	208-762-8	0.05	N.D.
185	Lead 铅	7439-92-1	231-100-4	0.005	N.D.
186	Disodium octaborate 四水八硼酸二钠	12008-41-2	234-541-0	0.005	N.D.
187	Benzo[ghi]perylene 苯并[G,H,I]芘	191-24-2	205-883-8	0.05	N.D.
188	Terphenyl hydrogenated 氢化三联苯	61788-32-7	262-967-7	0.05	N.D.
189	Ethylenediamine (EDA) 乙二胺	107-15-3	203-468-6	0.05	N.D.
190	Benzene-1,2,4- tricarboxylic acid 1, 2-anhydride (trimellitic anhydride) (TMA) 苯-1,2,4-三羧酸 1,2-酐 (偏苯三酸酐) (TMA)	552-30-7	209-008-0	0.05	N.D.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Test Report

No.: EG181206023C01ZVer.2

Date: Jan. 29, 2019

Page 19 of 23

Code 序号	Test Item 项目	CAS No.	EC No.	RL (%)	Result 结果(%)
					01
191	Dicyclohexyl phthalate (DCHP) 邻苯二甲酸二环己酯 (DCHP)	84-61-7	201-545-9	0.05	N.D.
192	2,2-bis(4'-hydroxyphenyl)-4-methypentane 2,2-双(4-羟基苯基)-4-甲基戊烷	6807-17-6	401-720-1	0.05	N.D.
193	Benzo[k]fluoranthene 苯并[k]荧蒽	207-08-9	205-916-6	0.05	N.D.
194	Fluoranthene 荧蒽	206-44-0	205-912-4	0.05	N.D.
195	Phenanthrene 菲	85-01-8	201-581-5	0.05	N.D.
196	Pyrene 芘	129-00-0	204-927-3	0.05	N.D.
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one 1,7,7-三甲基-3-(苯基亚甲基)双环[2,2,1]庚烷-2-酮	15087-24-8	239-139-9	0.05	N.D.

Note

- 1) N.D.=Not Detected(Less Than RL)/未检出 (小于 RL)
- 2) RL=Report Limit/报告限
- 3) 0.1%=1000mg/kg
- 4) *The substance is calculated by using the test results of Tributyl Tin (testing instrument: GC-MS)./该结果由三丁基锡(测试仪器: GC-MS)的测试结果换算得出。
- 5) **The substance is calculated by using the test results of element (Ex. Arsenic, Lead, Cobalt, Sodium, Boron or Cr (VI) respectively (testing instrument: ICP-OES))./该结果由所选的元素(如砷、铅、钴、钠、硼、六价铬等(测试仪器: ICP-OES))的测试结果换算得出。
- 6) ***All refractory ceramic fibres are covered by index number 650-017-00-8 in Annex VI of the Regulation on Classification, Labeling and Packing of Chemical substances and mixtures, the so called CLP Regulation (Regulation (EC) No 1272/2008)./所有陶瓷纤维耐火材料在附录VI, 索引号 650-017-00-8 条例中关于化学物质和混合物的分类, 标识及包装规定, 即为 CLP 条例(Regulation (EC) No 1272/2008)。

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Test Report

No.: EG181206023C01ZVer.2

Date: Jan. 29, 2019

Page 20 of 23

- 7) ****The substance does only fulfil the criteria of REACH Art. 57 (a) if it contains Michler's ketone (EC Number: 202-027-5) or Michler's base (EC Number: 202-959-2) in a concentration $\geq 0.1\%$ (weight / weight)./此四种物质只在其含有致癌成分米氏酮 (EC 号: 202-027-5) 或米氏碱 (EC Number: 202-959-2) 的浓度 $\geq 0.1\%$ (w/w), 才被列为 SVHC。
- 8) The SVHC concentration is based on the assessment of the result and the characteristic of material./SVHC 浓度: 根据结果及材料特性评估而得。
- 9) Definition of classification is listed on Appendix A of this report in accordance with 67/548/EEC and Regulation (EC) No 1907/2006./依据 64/548/EEC 和(EC) No 1907/2006 的条款, 分类的定义列于本报告附录 A 中。
- 10) The test results of item 192~197 were quoted from sample 01 in the case number EG190124025C./项目 192~197 的测试数据引用案件编号 EG190124025C 中 01 号样品数据。

Appendix A 附录 A

Classification 分类	Definition under 67/548/EEC AND Regulation (EC) No1907/2006 67/548/EEC 和(EC) No1907/2006 法规中的定义
Carcinogen Category 1	: Substances known to be carcinogenic to man. There is sufficient evidence to establish a causal association between human exposure to a substance and the development of cancer. 已知的致癌物质。有足够的证据证明, 人体暴露于该物质和癌症的发展之间存在因果关系。
Carcinogen Category 2	: Substances which should be regarded as if they are carcinogenic to man. There is sufficient evidence to provide a strong presumption that human exposure to a substance may result in the development of cancer. Generally on the basis of: - appropriate long-term animal studies - other relevant information. 应被视为致癌物的物质。有足够的证据证明, 人体暴露于该物质会导致癌症的发生, 一般依据: - 恰当的长期动物研究 - 其他相关形式
Mutagen Category 1	: Substances known to be mutagenic to man. There is sufficient evidence to establish a causal association between human exposure to substances and heritable genetic damage. 已知的基因突变物质。有足够的证据证明, 人体暴露于该物质和遗传性基因损害之间存在因果关系。
Mutagen Category 2	: Substances which should be regarded as if they are mutagenic to man. There is sufficient evidence to provide a strong presumption that human exposure to the substance may result in the development of heritable genetic damage, generally

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Test Report

No.: EG181206023C01ZVer.2

Date: Jan. 29, 2019

Page 21 of 23

on the basis of:

- appropriate animal studies
- other relevant information

应被视为基因突变物的物质。有足够的证据证明，人体暴露于该物质多数会导致的遗传性的损伤，一般依据：

- 恰当的长期动物研究
- 其他相关形式

Toxic to
Reproduction
Category 1

: Substances known to impair fertility in humans. There is sufficient evidence to establish a causal relationship between human exposure to the substance and impaired fertility.

Substances known to cause developmental toxicity in humans. There is sufficient evidence to establish a causal relationship between human exposure to the substance and subsequent developmental toxic effects in the progeny.

已知的损害人类生育能力的物质。有足够的证据证明，人体暴露于该物质和生育能力受损之间的存在因果关系。

已知会导致人体内发育毒性的物质。有足够的证据证明，人体暴露于该物质和继而产生的毒性影响之间的存在因果关系。

Toxic to
Reproduction
Category 2

: Substances which should be regarded as if they impair fertility in humans. There is sufficient evidence to provide a strong presumption that human exposure to the substance may result in impaired fertility in the basis of:

- clear evidence in animal studies of impaired fertility in the absence of toxic effects, or, evidence of impaired fertility occurring at around the same dose levels as other toxic effects

- other relevant information

Substances which should be regarded as if they cause developmental toxicity to humans. There is sufficient evidence to provide a strong presumption that human exposure to the substance may result in developmental toxicity, generally on the basis of:

- clear results in appropriate animal studies where effects have been observed in the absence of signs of marked maternal toxicity, or at around the same dose levels as other toxic effects but which are not a secondary non-specific consequence of the other toxic effects.

- other relevant information.

应被视为可能会损害人类生育能力的物质。有足够的证据证明，人体暴露于该物质可能会导致人类生育能力的损伤，一般依据：

- 在没有毒性作用下损害生育能力在动物研究中证据确凿，或，与其他毒性作用剂量相同的情况下损害生育能力的证据确凿
- 其他相关形式

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Test Report

No.: EG181206023C01ZVer.2

Date: Jan. 29, 2019

Page 22 of 23

应被视为可能会导致人体内发育毒性的物质。有足够的证据证明，人体暴露于该物质可能会导致人体内的发育毒性，一般依据：

- 在没有已标识母体毒性作用下，在恰当的动物研究中清晰的观察到发育毒性，或，在相同剂量其他母体毒性作用的情况下，且非其他母体毒性二次作用时，清晰观察到发育毒性。
- 其他相关形式

PBT & vPvB : Substances which are persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) pose a particular challenge to the chemicals safety management. For these substances a "safe" concentration in the environment cannot be established with sufficient reliability.

持久性的、生物聚集的和有毒的物质（PBT）和特别持久的、特别生物聚集的物质（vPvB）对化学品的安全管理带来了特别的挑战。对这些物质存在于环境中，无法确定足够可靠的“安全”浓度。

Note 备注

1. The chemical analysis of 197 SVHC is performed by means of currently available analytical techniques against the list publishes by ECHA on Oct. 28, 2008, Jan. 13, 2010, Mar. 30, 2010, Jun. 18, 2010, Dec. 15, 2010, Jun. 20, 2011, Dec. 19, 2011, Jun. 18, 2012, Dec. 19, 2012, Jun. 20, 2013 Dec. 16, 2013, Jun. 16, 2014, Dec. 17, 2014, Jun. 15, 2015, Dec. 17, 2015, Jun. 20, 2016, Jan. 12, 2017, Jul. 10, 2017, Jan. 15, 2018, Jun. 27, 2018 and Jan. 15, 2019 shall refer to http://echa.europa.eu/chem_data/candidate_list_en.asp This is an up-to-date version of the list as well as background information on is and related obligations.

本报告所涉及的关于 197 种高关注物质的化学分析是基于根据欧洲化学品管事局于 2008 年 10 月 28 日、2010 年 01 月 13 日、2010 年 03 月 30 日、2010 年 06 月 18 日、2010 年 12 月 15 日、2011 年 06 月 20 日、2011 年 12 月 19 日、2012 年 06 月 18 日、2012 年 12 月 19 日、2013 年 06 月 20 日、2013 年 12 月 16 日、2014 年 6 月 16 日、2014 年 12 月 17 日、2015 年 06 月 15 日、2015 年 12 月 17 日和 2016 年 06 月 20 日、2017 年 01 月 12 日、2017 年 07 月 10 日、2018 年 01 月 15 日、2018 年 06 月 27 日和 2019 年 01 月 15 日公布的候选清单，利用现有的分析技术所完成的。具体参考 http://echa.europa.eu/chem_data/candidate_list_en.asp 这是一个最新版本的清单，以及背景资料与相关的义务。

2. In accordance with regulation (EC) No 1907/2006, any producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the condition in Article 57 and is identified in accordance with Article 59(1) of the regulation, if (a) the substance is present in these articles in quantities totalling over one tonne per producer or importer per year and (b) the substance is present in those articles above & concentration of 0.1% weight by weight (w/w).

根据欧盟第 1907/2006 (EC) 号法规，如果满足以下两个条件，如果物质符合第 57 条中的标准并根据第 59 条第一款被确定，物品的任何制造商或进口商应根据第 7 条第 4 款向欧盟化学品管理局进行通报：(a) 物质在物品中的总含量超过 1 吨/年/生产商或进口商；(b) 物质在物品中的总含量以质量分数计超过 0.1% 的浓

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Test Report

No.: EG181206023C01ZVer.2

Date: Jan. 29, 2019

Page 23 of 23

度。

3. Article 33 of Regulation (EC) No.1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information available to the supplier to allow safe use of the article including as a minimum the name of that substance.

欧盟第 1907/2006 (EC) 号法规第 33 条规定, 含有满足第 57 条中的标准并根据第 59 条第一款被确定且质量分数大于 0.1% 的物质的物品的所有供应商应向物品接受者提供其可获取的充足信息, 以使物品使用安全, 这些信息至少包括物质的名称。

Sample Photo 样品照片



Declaration: Report EG181206023C01ZVer.1 was repealed and replaced by report EG181206023C01ZVer.2

声明: 报告 EG181206023C01ZVer.1 作废, 由报告 EG181206023C01ZVer.2 所取代

The underlined test item in the report is out of the scope of CMA accreditation. The test result only used for client's requirement, scientific researching, teaching or internal quality control. 报告中检测项目标注有下划线则该项目不在实验室资质认定能力范围内, 该项目检测结果仅作为客户委托、科研、教学或内部质量控制等目的使用。

The test report is effective only with both signature and specialized stamp. Without written approval of EMTEK, this report can't be reproduced except in full. The result(s) shown in this report refer only to the sample(s) tested. 检测报告无批准人签字及“报告专用章”无效, 未得 EMTEK 书面同意, 不得部分复制本报告。本报告检测结果仅对受测样品负责。

*** End of Report ***

*** 报告结束 ***

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.