

TEST REPORT

NO.:NKV20030720101A-C/E

Date:Mar.13,2020

Page 1 of 23

Client : JIANGSU GOODSUN NEW ENERGY CO.,LTD
委托方 : 江苏固尚新能源有限公司
Address : No.1-2 Qingyuan Avenue, Jiangsu Yixing Economic and Technological Development Zone,Yixing City.
地址 : 江苏宜兴经济技术开发区庆源大道南侧 1-2 号

The client of the sample information stated to be/委托方对样品的信息说明如下:

Sample name : Solar profile
样品名称 : 太阳能型材
Model : /
型号 : /
Item/Lot No. : /
批号 : /
Material : Aluminium alloy
材料 : 铝合金
Supplier : /
供应商 : /

Sample received date : Mar.07,2020

样品接收日期 : 2020.03.07

Testing period : From Mar.07,2020 to Mar.13,2020

样品测试日期 : 2020.03.07 至 2020.03.13

Sample Description : Metal

样品描述 : 金属

Conclusion/结论:

According to the specified scope and analytical techniques, concentrations of SVHC are less than 0.1%(w/w) in the submitted sample./根据指定范围和分析技术,委托样品中高度关注物质(SVHC)的浓度均小于 0.1%(w/w) **Pass/符合**

*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)*****

*****更多详细信息请查阅下页*****

Signed for and on behalf of
Kunshan NTEK Testing Technology Co., Ltd



Compiled by: Carrie

Reviewed by: Emily

Approved by: Summer

Authorized Signatories: Guo Fu, Summer

TEST REPORT

NO.:NKV20030720101A-C/E

Date:Mar.13,2020

Page 2 of 23

Testing Requested/测试要求:

According to the client's requirement and REACH statute 1907/2006/EC, based on the list published by European chemicals agency (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, 2011, Jun. 20, 2013, Dec.16, 2013,Jun. 16, 2014, Dec. 17, 2014, Jun. 15, 2015, Aug. 31, 2015, Dec. 17, 2015, Jun. 20, 2016, Jan. 12, 2017, Jul. 07, 2017, Jan.15, 2018, Jun. 27, 2018, Jan. 15, 2019, Jul. 16, 2019 and Jan. 16, 2020 ECHA announcement, suggested the list of the first batch of 22 SVHC release. Determination commissioned 205 kinds of content in the sample SVHC./根据客户要求及 REACH 法规 1907/2006/EC, 依据欧洲化学品管理局于 2008 年 10 月 28 日、2010 年 1 月 13 日、2010 年 3 月 30 日、2010 年 6 月 18 日、2010 年 12 月 15 日、2011 年 6 月 20 日、2011 年 12 月 19 日、2012 年 6 月 18 日、2012 年 12 月 19 日、2013 年 6 月 20 日、2013 年 12 月 16 日、2014 年 6 月 16 日、2014 年 12 月 17 日、2015 年 6 月 15 日、2015 年 12 月 17 日、2016 年 6 月 20 日、2017 年 1 月 12 日、2017 年 7 月 07 日、2018 年 1 月 15 日、2018 年 6 月 27 日、2019 年 1 月 15 日、2019 年 7 月 16 日、2020 年 1 月 16 日 ECHA 正式公布的 22 批 SVHC 发布的清单。测定委托样品中 205 种高度关注物质的含量。

Testing Results/检测结果:

No./ 序号	Substance name/项目	CAS No.	EC No.	MDL (%)	Result/ 结果(%)	Reason
1	Anthracene /蒽	120-12-7	204-371-1	0.005	N.D.	Persistent, bioaccumulative and toxic
2	4,4'- Diaminodiphenylmethane/ 4,4'-二氨基二苯基甲烷 (MDA)	101-77-9	202-974-4	0.005	N.D.	Carcinogen, cat. 2
3	Dibutyl phthalate/ 邻苯二甲酸二丁酯 (DBP)	84-74-2	201-557-4	0.005	N.D.	Toxic for reproduction, cat. 2
4	Cobalt dichloride/ 二氯化钴**	7646-79-9	231-589-4	0.005	N.D.	Carcinogen, cat. 2
5	Diarsenic pentaoxide/ 五氧化二砷**	1303-28-2	215-116-9	0.005	N.D.	Carcinogen, cat. 1
6	Diarsenic trioxide/ 三氧化二砷**	1327-53-3	215-481-4	0.005	N.D.	Carcinogen, cat. 1
7	Sodium dichromate/ 重铬酸钠	7789-12-0 10588-01-9	234-190-3	0.005	N.D.	Carcinogen, cat. 2; Mutagen, cat. 2; Toxic for reproduction, cat. 2
8	5-tert-butyl-2,4,6-trinitro-m-x ylene (musk xylene)/ 二甲苯麝香	81-15-2	201-329-4	0.005	N.D.	Very persistent and very bioaccumulative
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	0.005	N.D.	Toxic for reproduction, cat.2

TEST REPORT

NO.:NKV20030720101A-C/E

Date:Mar.13,2020

Page 3 of 23

No./ 序号	Substance name/项目	CAS No.	EC No.	MDL (%)	Result/ 结果(%)	Reason
10	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified / 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)	0.005	N.D.	Persistent, bioaccumulative and toxic
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)/短链氯化石蜡	85535-84-8	287-476-5	0.01	N.D.	Persistent, bioaccumulative and toxic Very persistent and very bioaccumulative
12	Bis(tributyltin)oxide/ 三丁基氧化锡* (TBTO)	56-35-9	200-268-0	0.005	N.D.	Persistent, bioaccumulative and toxic
13	Lead hydrogen arsenate/ 砷酸氢铅**	7784-40-9	232-064-2	0.005	N.D.	Carcinogen, cat. 1 Toxic for reproduction cat. 1
14	Benzyl butyl phthalate/ 邻苯二甲酸丁苄酯 (BBP)	85-68-7	201-622-7	0.005	N.D.	Toxic for reproduction, cat. 2
15	Triethyl arsenate/ 三乙基砷酸酯	15606-95-8	427-700-2	0.005	N.D.	Carcinogen, cat. 1
16	Anthracene oil/蒽油	90640-80-5	292-602-7	0.005	N.D.	Persistent, bioaccumulative and toxic Very persistent and very bioaccumulative; Carcinogen, category 2
17	Anthracene oil, anthracene paste, distn. Lights/蒽油、蒽糊、轻油	91995-17-4	295-278-5	0.005	N.D.	Persistent, bioaccumulative and toxic Very persistent and very bioaccumulative; Carcinogen, category 2; Mutagen, category 2
18	Anthracene oil, anthracene paste, anthracene fraction/ 蒽油、蒽糊、蒸馏分	91995-15-2	295-275-9	0.005	N.D.	
19	Anthracene oil, anthracene-low/蒽油, 少蒽	90640-82-7	292-604-8	0.005	N.D.	
20	Anthracene oil, anthracene paste/蒽油、蒽糊	90640-81-6	292-603-2	0.005	N.D.	
21	Coal tar pitch, high temperature/高温煤沥青	65996-93-2	266-028-2	0.005	N.D.	Persistent, bioaccumulative and toxic; Very persistent and very bioaccumulative; Carcinogen, category 2

TEST REPORT

NO.:NKV20030720101A-C/E

Date:Mar.13,2020

Page 4 of 23

No./ 序号	Substance name/项目	CAS No.	EC No.	MDL (%)	Result/ 结果(%)	Reason
22	2,4-Dinitrotoluene/ 2,4-二硝基甲苯	121-14-2	204-450-0	0.005	N.D.	Carcinogen, category 2
23	Diisobutyl phthalate/邻苯二 甲酸二异丁酯(DIBP)	84-69-5	201-553-2	0.005	N.D.	Toxic for reproduction, category 2
24	Lead chromate/铬酸铅**	7758-97-6	231-846-0	0.005	N.D.	Carcinogen, category 2; Toxic for reproduction, category 1
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.	Carcinogen, category 2; Toxic for reproduction, category 1
26	Lead sulfochromate yellow** (C. I. Pigment Yellow 34)/铬 酸铅** (C.I.颜料黄34)	1344-37-2	215-693-7	0.005	N.D.	Carcinogen, category 2; Toxic for reproduction, category 1
27	Tris(2-chloroethyl)phosphat e/ 三(2-氯乙基)磷酸盐	115-96-8	204-118-5	0.005	N.D.	Toxic for reproduction, category 2
28	Acrylamide/丙烯酰胺	79-06-1	201-173-7	0.005	N.D.	Carcinogen, category 2; Mutagen, category 2
29	Trichloroethylene/ 三氯乙烯	79-01-6	201-167-4	0.005	N.D.	carcinogen, category 2
30	Boric acid/硼酸**	10043-35-3 11113-50-1	233-139-2 234-343-4	0.005	N.D.	toxic for reproduction, category 2
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.	toxic for reproduction, category 2
32	Tetraboron disodium heptaoxide, hydrate/ 水合硼酸钠**	12267-73-1	235-541-3	0.005	N.D.	toxic for reproduction, category 2
33	Sodium chromate/ 铬酸钠**	7775-11-3	231-889-5	0.005	N.D.	carcinogen, category 2; mutagen, category 2; toxic for reproduction, category 2
34	Potassium chromate/ 铬酸钾**	7789-00-6	232-140-5	0.005	N.D.	carcinogen, category 2; mutagen, category 2

TEST REPORT

NO.:NKV20030720101A-C/E

Date:Mar.13,2020

Page 5 of 23

No./ 序号	Substance name/项目	CAS No.	EC No.	MDL (%)	Result/ 结果(%)	Reason
35	Ammonium dichromate/ 重铬酸铵**	7789-09-5	232-143-1	0.005	N.D.	carcinogen, category 2; mutagen, category 2; toxic for reproduction, category 2
36	Potassium dichromate/ 重铬酸钾**	7778-50-9	231-906-6	0.005	N.D.	carcinogen, category 2; mutagen, category 2; toxic for reproduction, category 2
37	Cobalt(II) sulphate/ 硫酸钴(II)**	10124-43-3	233-334-2	0.005	N.D.	Carcinogenic and toxic to reproduction in accordance with REACH Art. 57(a) and 57(c)
38	Cobalt(II) dinitrate/ 硝酸钴(II)**	10141-05-6	233-402-1	0.005	N.D.	Carcinogenic and toxic to reproduction in accordance with REACH Art. 57(a) and 57(c)
39	Cobalt (II) carbonate/ 碳酸钴(II)**	513-79-1	208-169-4	0.005	N.D.	Carcinogenic and toxic to reproduction in accordance with REACH Art. 57(a) and 57(c)
40	Cobalt(II) diacetate/ 醋酸钴(II)**	71-48-7	200-755-8	0.005	N.D.	Carcinogenic and toxic to reproduction in accordance with REACH Art. 57(a) and 57(c)
41	2-Methoxyethanol/ 乙二醇单甲醚	109-86-4	203-713-7	0.005	N.D.	Toxic to reproduction in accordance with REACH Art. 57(c)
42	2-Ethoxyethanol/ 乙二醇单乙醚	110-80-5	203-804-1	0.005	N.D.	Toxic to reproduction in accordance with REACH Art. 57(c)
43	Chromium trioxide/ 三氧化铬**	1333-82-0	215-607-8	0.005	N.D.	Carcinogenic and mutagenic in accordance with REACH Art. 57(a) and 57(b)



TEST REPORT

NO.:NKV20030720101A-C/E

Date:Mar.13,2020

Page 6 of 23

No./ 序号	Substance name/项目	CAS No.	EC No.	MDL (%)	Result/ 结果(%)	Reason
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.	Carcinogenic in accordance with REACH Art. 57(a)
45	2-ethoxyethyl acetate/ 乙二醇乙醚乙酸酯	111-15-9	203-839-2	0.005	N.D.	Art. 57 (c), toxic for reproduction
46	Strontium chromate/ 铬酸锶**	7789-06-2	232-142-6	0.005	N.D.	Art. 57 (a), carcinogenic
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	0.005	N.D.	Art. 57 (c), toxic for reproduction
48	Hydrazine/肼	302-01-2 7803-57-8	206-114-9	0.005	N.D.	Art. 57 (a), carcinogenic
49	1-methyl-2-pyrrolidone/ N-甲基吡咯烷酮	872-50-4	212-828-1	0.000 5	N.D.	Art. 57 (c), toxic for reproduction
50	1,2,3-trichloropropane/ 1,2,3-三氯丙烷	96-18-4	202-486-1	0.005	N.D.	Art. 57 (a) & (c), carcinogenic & toxic for reproduction
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)/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	0.005	N.D.	Art. 57 (c), toxic for reproduction
52	Lead styphnate/ 2,4,6-三硝基苯二酚铅**	15245-44-0	239-290-0	0.005	N.D.	Art. 57 (c), toxic for reproduction
53	Lead diazide, Lead azide/叠氮化铅**	13424-46-9	236-542-1	0.005	N.D.	Art. 57 (c), toxic for reproduction
54	Lead dipicrate/苦味酸铅**	6477-64-1	229-335-2	0.005	N.D.	Art. 57 (c), toxic for reproduction
55	Phenolphthalein/酚酞	77-09-8	201-004-7	0.005	N.D.	Art. 57 (a), carcinogenic

TEST REPORT

NO.:NKV20030720101A-C/E

Date:Mar.13,2020

Page 7 of 23

No./ 序号	Substance name/项目	CAS No.	EC No.	MDL (%)	Result/ 结果(%)	Reason
56	2,2'-Dichloro-4,4'-methylene dianiline/2,2'-二氯-4,4'-亚甲基双苯胺	101-14-4	202-918-9	0.005	N.D.	Art. 57 (a), carcinogenic
57	N,N-dimethylacetamide/ N,N-二甲基乙酰胺	127-19-5	204-826-4	0.005	N.D.	Art. 57 (c), toxic for reproduction
58	Trilead diarsenate/ 砷酸铅**	3687-31-8	222-979-5	0.005	N.D.	Art. 57 (a) & (c), carcinogenic & toxic for reproduction
59	Calcium arsenate/ 砷酸钙**	7778-44-1	231-904-5	0.005	N.D.	Art. 57 (a), carcinogenic
60	Arsenic acid/砷酸**	7778-39-4	231-901-9	0.005	N.D.	Art. 57 (a), carcinogenic
61	Bis(2-methoxyethyl) ether/ 二乙二醇二甲醚	111-96-6	203-924-4	0.005	N.D.	Art. 57 (c), toxic for reproduction
62	1,2-Dichloroethane/ 1,2-二氯乙烷	107-06-2	203-458-1	0.005	N.D.	Art. 57 (a), carcinogenic
63	4-(1,1,3,3-Tetramethylbutyl) phenol; 4-tert-octyl phenol/4-(1,1,3,3-四甲基丁基)苯酚; 4-(叔辛基)苯酚	140-66-9	205-426-2	0.005	N.D.	Art. 57 (f), equivalent level of concern having probable serious effects to the environment
64	2-Methoxyaniline; o-Anisidine/2-甲氧基苯胺; 邻甲氧基苯胺	90-04-0	201-963-1	0.005	N.D.	Art. 57 (a), carcinogenic
65	Bis(2-methoxyethyl) phthalate/邻苯二甲酸二甲氧乙酯 (DMEP)	117-82-8	204-212-6	0.005	N.D.	Art. 57 (c), toxic for reproduction
66	Formaldehyde, oligomeric reaction products with aniline (technical MDA)/甲醛苯胺共聚物	25214-70-4	500-036-1	0.010	N.D.	Art. 57 (a), carcinogenic
67	Zirconia Aluminosilicate Refractory Ceramic Fibres/ 氧化锆硅酸铝耐火陶瓷纤维 (Zr-RCF)***	/	/	0.005	N.D.	Art. 57 (a), carcinogenic
68	Aluminosilicate Refractory Ceramic Fibres/ 硅酸铝耐火陶瓷纤维 (RCF) ***	/	/	0.005	N.D.	Art. 57 (a), carcinogenic
69	Pentazinc chromate octahydroxide/ 锌黄**(C.I.颜料黄 36)	49663-84-5	256-418-0	0.005	N.D.	Art. 57 (a), carcinogenic

TEST REPORT

NO.:NKV20030720101A-C/E

Date:Mar.13,2020

Page 8 of 23

No./ 序号	Substance name/项目	CAS No.	EC No.	MDL (%)	Result/ 结果(%)	Reason
70	Potassium hydroxyoctaoxodizincatedichromate/氢氧化铬酸锌钾 **	11103-86-9	234-329-8	0.005	N.D.	Art. 57 (a), carcinogenic
71	Dichromium tris(chromate)/铬酸铬 **	24613-89-6	246-356-2	0.005	N.D.	Art. 57 (a), carcinogenic
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	0.005	N.D.	Carcinogenic (Article 57a)
73	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (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	0.005	N.D.	Carcinogenic (Article 57a)
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	0.005	N.D.	Mutagenic (Article 57b)
75	Diboron trioxide/三氧化二硼 **	1303-86-2	215-125-8	0.005	N.D.	Toxic for reproduction (Article 57 c)
76	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)/三甘醇二甲醚(TEGDME)	112-49-2	203-977-3	0.005	N.D.	Toxic for reproduction (Article 57 c)
77	4,4'-bis(dimethylamino)-4'-methylamino)trityl alcohol /4,4'-二[(二甲氨基)苯基]-4-甲氨基苯甲醇	561-41-1	209-218-2	0.005	N.D.	Carcinogenic (Article 57a)
78	Lead(II) bis(methanesulfonate) /甲基磺酸铅Lead(II)	17570-76-2	401-750-5	0.005	N.D.	Toxic for reproduction (Article 57 c)
79	Formamide/甲酰胺	75-12-7	200-842-0	0.005	N.D.	Toxic for reproduction (Article 57 c)
80	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethyl ammonium chloride /结晶紫 ****	548-62-9	208-953-6	0.005	N.D.	Carcinogenic (Article 57a)

TEST REPORT

NO.:NKV20030720101A-C/E

Date:Mar.13,2020

Page 9 of 23

No./ 序号	Substance name/项目	CAS No.	EC No.	MDL (%)	Result/ 结果(%)	Reason
81	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)/1,2-二甲氧 基乙烷 (EGDME)	110-71-4	203-794-9	0.005	N.D.	Toxic for reproduction (Article 57 c)
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]meth ylene]cyclohexa-2,5-dien-1- ylidene] dimethylammonium chloride ****(C.I. Basic Blue 26)/碱性蓝26 ****	2580-56-5	219-943-6	0.005	N.D.	Carcinogenic (Article 57a)
83	1,3,5-Tris(oxiran-2-ylmethyl) -1,3,5-triazinane-2,4,6-trion e (TGIC)/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	0.005	N.D.	Mutagenic (Article 57b)
84	4,4'-bis(dimethylamino)benz ophenone (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	0.01	N.D.	Carcinogenic (Article 57a)
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	0.005	N.D.	Equivalent level of concern having probable serious effects to human health (Article 57 f)
86	6-methoxy-m-toluidine (p-cresidine) /2-甲氧基-5-甲 基苯胺	120-71-8	204-419-1	0.005	N.D.	Carcinogenic (Article 57a)



TEST REPORT

NO.:NKV20030720101A-C/E

Date:Mar.13,2020

Page 10 of 23

No./ 序号	Substance name/项目	CAS No.	EC No.	MDL (%)	Result/ 结果(%)	Reason
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-1,2-二羧酸酐 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	0.005	N.D.	Equivalent level of concern having probable serious effects to human health (Article 57 f)
88	Pyrochlore, antimony lead yellow/烧绿石, 锑铅黄	8012-00-8	232-382-1	0.005	N.D.	Toxic for reproduction (Article 57 c)
89	Henicosfluoroundecanoic acid/全氟十一烷酸	2058-94-8	218-165-4	0.005	N.D.	vPvB (Article 57 e)
90	4-Aminoazobenzene/ 4-氨基偶氮苯	60-09-3	200-453-6	0.005	N.D.	Carcinogenic (Article 57a)
91	Silicic acid, lead salt/硅酸铅**	11120-22-2	234-363-3	0.005	N.D.	Toxic for reproduction (Article 57 c)
92	Lead titanium zirconium Oxide/钛酸铅锆**	12626-81-2	235-727-4	0.005	N.D.	Toxic for reproduction (Article 57 c)
93	Lead monoxide (lead oxide)/氧化铅**	1317-36-8	215-267-0	0.005	N.D.	Toxic for reproduction (Article 57 c)
94	o-Toluidine/邻甲苯胺	95-53-4	202-429-0	0.005	N.D.	Carcinogenic (Article 57a)
95	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine/3-乙基-2-甲基-2-(3-甲基丁基)-1,3-恶唑烷	143860-04-2	421-150-7	0.005	N.D.	Toxic for reproduction (Article 57 c)
96	Dibutyltin dichloride/二丁基二氯化锡 (DBTC)	683-18-1	211-670-0	0.005	N.D.	Toxic for reproduction (Article 57 c)
97	Lead bis(tetrafluoroborate)/四氟硼酸铅**	13814-96-5	237-486-0	0.005	N.D.	Toxic for reproduction (Article 57 c)
98	Lead dinitrate/硝酸铅**	10099-74-8	233-245-9	0.005	N.D.	Toxic for reproduction (Article 57 c)
99	Silicic acid (H ₂ SiO 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.	Toxic for reproduction (Article 57 c)

TEST REPORT

NO.:NKV20030720101A-C/E

Date:Mar.13,2020

Page 11 of 23

No./ 序号	Substance name/项目	CAS No.	EC No.	MDL (%)	Result/ 结果(%)	Reason
100	Trilead bis(carbonate)dihydroxide/ 碱式碳酸铅**	1319-46-6	215-290-6	0.005	N.D.	Toxic for reproduction (Article 57 c)
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	0.005	N.D.	Carcinogenic (Article 57a)
102	Diethyl sulphate/硫酸二乙酯	64-67-5	200-589-6	0.005	N.D.	Carcinogenic (Article 57a); Mutagenic (Article 57b)
103	Dimethyl sulphate/硫酸二甲 酯	77-78-1	201-058-1	0.005	N.D.	Carcinogenic (Article 57a)
104	N,N-dimethylformamide/N,N -二甲基甲酰胺	68-12-2	200-679-5	0.0005	N.D.	Toxic for reproduction (Article 57 c)
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)	/	/	0.0005	N.D.	Equivalent level of concern having probable serious effects to the environment (Article 57 f)
106	4-Nonylphenol, branched and linear/直链和支链4-壬 基苯酚	/	/	0.0005	N.D.	Equivalent level of concern having probable serious effects to the environment (Article 57 f)
107	Furan/呋喃	110-00-9	203-727-3	0.005	N.D.	Carcinogenic (Article 57a)
108	Lead oxide sulfate/ 碱式硫酸铅**	12036-76-9	234-853-7	0.005	N.D.	Toxic for reproduction (Article 57 c)
109	Lead titanium trioxide/钛酸 铅**	12060-00-3	235-038-9	0.005	N.D.	Toxic for reproduction (Article 57 c)
110	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)/十溴联苯 醚(DecaBDE)	1163-19-5	214-604-9	0.005	N.D.	PBT (Article 57 d); vPvB (Article 57 e)
111	Dinoseb (6-sec-butyl-2,4-dinitrophen ol)/地乐酚(6-仲丁基-2,4-二 硝基苯酚)	88-85-7	201-861-7	0.005	N.D.	Toxic for reproduction (Article 57 c)
112	1,2-Diethoxyethane/ 1,2-二乙氧基乙烷	629-14-1	211-076-1	0.005	N.D.	Toxic for reproduction (Article 57 c)
113	N-methylacetamide/ N-甲基乙酰胺	79-16-3	201-182-6	0.005	N.D.	Toxic for reproduction (Article 57 c)

TEST REPORT

NO.:NKV20030720101A-C/E

Date:Mar.13,2020

Page 12 of 23

No./ 序号	Substance name/项目	CAS No.	EC No.	MDL (%)	Result/ 结果(%)	Reason
114	Tetralead trioxide sulphate/ 三碱式硫酸铅**	12202-17-4	235-380-9	0.005	N.D.	Toxic for reproduction (Article 57 c)
115	Acetic acid, lead salt, basic/ 碱式乙酸铅**	51404-69-4	257-175-3	0.005	N.D.	Toxic for reproduction (Article 57 c)
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.	Toxic for reproduction (Article 57 c)
117	Tetraethyllead/四乙基铅**	78-00-2	201-075-4	0.005	N.D.	Toxic for reproduction (Article 57 c)
118	N-pentyl-isopentylphthalate/ 1-(3-甲基丁基)2-戊基酯	776297-69-9	/	0.005	N.D.	Toxic for reproduction (Article 57 c)
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.	Toxic for reproduction (Article 57 c)
120	Heptacosafuorotetradecan oic acid/全氟十四酸	376-06-7	206-803-4	0.005	N.D.	vPvB (Article 57 e)
121	Tricosafuorododecanoic acid/ 全氟十二酸	307-55-1	206-203-2	0.005	N.D.	vPvB (Article 57 e)
122	1-bromopropane (n-propyl bromide)/溴代正丙 烷	106-94-5	203-445-0	0.005	N.D.	Toxic for reproduction (Article 57 c)
123	Dioxobis(stearato)trilead/ 双(十八烷基)二氧代三铅	12578-12-0	235-702-8	0.005	N.D.	Toxic for reproduction (Article 57 c)
124	Pentacosafuorotridecanoic acid/全氟十三酸	72629-94-8	276-745-2	0.005	N.D.	vPvB (Article 57 e)
125	Methoxyacetic acid/甲氧基 乙酸	625-45-6	210-894-6	0.005	N.D.	Toxic for reproduction (Article 57 c)
126	Methyloxirane (Propylene oxide)/环氧丙烷	75-56-9	200-879-2	0.005	N.D.	Carcinogenic (Article 57a); Mutagenic (Article 57b)
127	Trilead dioxide phosphonate/ 二碱式亚磷酸铅	12141-20-7	235-252-2	0.005	N.D.	Toxic for reproduction (Article 57 c)
128	o-aminoazotoluene/ 邻氨基偶氮甲苯	97-56-3	202-591-2	0.005	N.D.	Carcinogenic (Article 57a)
129	4-methyl-m-phenylenediami ne/2,4-二氨基甲苯	95-80-7	202-453-1	0.005	N.D.	Carcinogenic (Article 57a)
130	Diisopentylphthalate/ 邻苯二甲酸二异戊酯(DIPP)	605-50-5	210-088-4	0.005	N.D.	Toxic for reproduction (Article 57 c)

TEST REPORT

NO.:NKV20030720101A-C/E

Date:Mar.13,2020

Page 13 of 23

No./序号	Substance name/项目	CAS No.	EC No.	MDL (%)	Result/结果(%)	Reason
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	0.005	N.D.	Toxic for reproduction (Article 57 c)
132	Biphenyl-4-ylamine/联苯-4-胺	92-67-1	202-177-1	0.005	N.D.	Carcinogenic (Article 57a)
133	Fatty acids, C16-18, lead salts/C16-18-脂肪酸铅盐**	91031-62-8	292-966-7	0.005	N.D.	Toxic for reproduction (Article 57 c)
134	Orange lead (lead tetroxide)/四氧化三铅**	1314-41-6	215-235-6	0.005	N.D.	Toxic for reproduction (Article 57 c)
135	4,4'-oxydianiline and its salts/4,4'-二氨基二苯醚及其盐	101-80-4	202-977-0	0.005	N.D.	Carcinogenic (Article 57a); Mutagenic (Article 57b)
136	Diazeno-1,2-dicarboxamide (C,C'-azodi (formamide))/偶氮二甲酰胺	123-77-3	204-650-8	0.005	N.D.	Equivalent level of concern having probable serious effects to human health (Article 57 f)
137	Sulfurous acid, lead salt, dibasic/碱式亚硫酸铅(II)盐**	62229-08-7	263-467-1	0.005	N.D.	Toxic for reproduction (Article 57 c)
138	Lead cyanamidate/氨基氰铅(II)盐 **	20837-86-9	244-073-9	0.005	N.D.	Toxic for reproduction (Article 57 c)
139	Cadmium/镉	7440-43-9	231-152-8	0.0002	N.D.	Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (Article 57 f)
140	Cadmium oxide/氧化镉**	1306-19-0	215-146-2	0.005	N.D.	Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (effects on kidney and bone) (Article 57 f)
141	Dipentyl phthalate/邻苯二甲酸二戊酯 (DPP)	131-18-0	205-017-9	0.005	N.D.	Toxic for reproduction (Article 57 c); PBT (Article 57 d)

TEST REPORT

NO.:NKV20030720101A-C/E

Date:Mar.13,2020

Page 14 of 23

No./序号	Substance name/项目	CAS No.	EC No.	MDL (%)	Result/结果(%)	Reason
142	4-Nonylphenol, branched and linear, ethoxylated/乙氧基化4壬基酚、支链和直链	/	/	0.005	N.D.	Toxic for reproduction (Article 57 c); PBT (Article 57 d)
143	Ammonium pentadecafluorooctanoate/全氟辛酸铵 (APFO)	3825-26-1	223-320-4	0.005	N.D.	Toxic for reproduction (Article 57 c); PBT (Article 57 d)
144	Pentadecafluorooctanoic acid/全氟辛酸 (PFOA)	335-67-1	206-397-9	0.005	N.D.	Toxic for reproduction (Article 57 c); PBT (Article 57 d)
145	Cadmium sulphide/硫化镉**	1306-23-6	215-147-8	0.005	N.D.	Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (Article 57 f)
146	Dihexyl phthalate/邻苯二甲酸二己酯 DnHP	84-75-3	201-559-5	0.005	N.D.	Toxic for reproduction (Article 57 c)
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diyl bis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)/C.I.直接红 28	573-58-0	209-358-4	0.005	N.D.	Carcinogenic (Article 57a)
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	0.005	N.D.	Carcinogenic (Article 57a)
149	Imidazolidine-2-thione; 2-imidazoline-2-thiol/亚乙基硫脲	96-45-7	202-506-9	0.005	N.D.	Toxic for reproduction (Article 57 c)
150	Lead di(acetate)/铅底(醋酸)**	301-04-2	206-104-4	0.005	N.D.	Toxic for reproduction (Article 57 c)
151	Trixylyl phosphate/磷酸三(二甲苯)酯	25155-23-1	246-677-8	0.005	N.D.	Toxic for reproduction (Article 57 c)

TEST REPORT

NO.:NKV20030720101A-C/E

Date:Mar.13,2020

Page 15 of 23

No./ 序号	Substance name/项目	CAS No.	EC No.	MDL (%)	Result/ 结果(%)	Reason
152	Cadmium chloride/氯化镉**	10108-64-2	233-296-7	0.005	N.D.	Carcinogenic (Article 57a); Mutagenic (Article 57b) Toxic for reproduction (Article 57 c)
153	Diethyl phthalate/邻苯二甲 酸二乙酯	695-15-50-4	271-093-5	0.005	N.D.	Toxic for reproduction (Article 57 c)
154	Sodium perborate/过硼酸钠 **	7632-04-4	231-556-4	0.005	N.D.	toxic for reproduction, category 2
155	Sodium perborate monohydrate/水合高硼酸钠 **	-	239-172-9 234-390-0	0.005	N.D.	toxic for reproduction, category 2
156	Cadmium fluoride/氟化镉**	7790-79-6	232-222-0	0.005	N.D.	Carcinogenic (Article 57a); Mutagenic (Article 57b) Toxic for reproduction (Article 57 c) Equivalent level of concern having probable serious effects to human health (Article 57 f)
157	Cadmium sulfate/硫酸镉**	10124-36-4 31119-53-6	233-331-6	0.005	N.D.	Carcinogenic (Article 57a); Mutagenic (Article 57b) Toxic for reproduction (Article 57 c) Equivalent level of concern having probable serious effects to human health (Article 57 f)
158	Ultraviolet absorbent UV-320/ 紫外线吸收剂 UV-320	3846-71-7	223-346-6	0.005	N.D.	Toxic for reproduction (Article 57 c)
159	Ultraviolet absorbent UV-328/ 紫外线吸收剂 UV-328	25973-55-1	247-384-8	0.005	N.D.	Toxic for reproduction (Article 57 c)
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8- oxa-3,5-dithia-4-stannatetra decanoate; DOTE/二正辛基 -双(巯乙酸 2-乙基己酯)锡 (DOTE)	15571-58-1	239-622-4	0.005	N.D.	Toxic for reproduction (Article 57 c)

TEST REPORT

NO.:NKV20030720101A-C/E

Date:Mar.13,2020

Page 16 of 23

No./ 序号	Substance name/项目	CAS No.	EC No.	MDL (%)	Result/ 结果(%)	Reason
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	/	/	0.005	N.D.	Toxic for reproduction (Article 57 c)
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with \geq 0.3% of dihexyl phthalate (EC No. 201-559-5)/ 邻苯二甲酸二(C6-C6)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 \geq 0.3%	68515-51-5 68648-93-1	271-094-0 272-013-1	0.005	N.D.	Toxic for reproduction (Article 57 c)
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	/	/	0.005	N.D.	vPvB (Article 57 e)
164	3-propanesultone/1,3-丙烷磺内酯	1120-71-4	214-317-9	0.005	N.D.	Carcinogenic (Article 57a)
165	UV-327	3864-99-1	223-383-8	0.005	N.D.	vPvB
166	UV-350	36437-37-3	253-037-1	0.005	N.D.	vPvB

TEST REPORT

NO.:NKV20030720101A-C/E

Date:Mar.13,2020

Page 17 of 23

No./序号	Substance name/项目	CAS No.	EC No.	MDL (%)	Result/结果(%)	Reason
167	Nitrobenzene/硝基苯	98-95-3	202-716-0	0.005	N.D.	Toxic for reproduction (Article 57 c)
168	Perfluorononan-1-oic acid/ 全氟壬酸及其钠盐和氨盐	375-95-1 21049-39-8 4149-60-4	206-801-3	0.005	N.D.	PBT (Article 57 d)
169	BaP (Benzo(a)Pyrene) / 苯并[a]芘	50-32-8	200-028-5	0.005	N.D.	Carcinogenic (Article 57a) Mutagenic(Article 57b) Toxic for reproduction (Article 57 c) PBT(Article 57 d) vPvB
170	4,4'-Isopropylidenephenol (Bisphenol A)/4,4'-亚异丙基 二酚 (双酚 A)	80-05-7	201-245-8	0.005	N.D.	Toxic for reproduction (Article 57 f)
171	4-Heptylphenol, linear and branched/4-庚基苯酚, 直 链和支链	/	/	0.005	N.D.	Environmental damage(Article 57 f)
172	p-(1,1-dimethylpropyl)phenol /4-叔戊基苯酚	80-46-6	201-280-9	0.005	N.D.	Environmental damage(Article 57 f)
173	Nonadecafluorodecanoic acid (PFDA) and its sodium salt and ammonium salts/全 氟癸酸 (PFDA) 及其钠盐和 铵盐	3108-42-7 335-76-2 3830-45-3	/ 206-400-3 221-470-5	0.005	N.D.	Toxic for reproduction (Article 57 c) PBT(Article 57 d)
174	Perfluorinated sulfonic acid and its salts (PFHxS) /全氟己 基磺酸及其盐类 (PFHxS)	355-46-4	206-587-1	0.005	N.D.	vPvB(Article 57 e)
175	CHR (Chrysene) /屈	218-01-9	205-923-4	0.005	N.D.	PBT vPvB
176	BaA (Benzo(a)anthracene) /苯并[a]蒽	56-55-3	200-280-6	0.005	N.D.	PBT vPvB
177	Cadmium nitrate/硝酸镉	10325-94-7	233-710-6	0.005	N.D.	Toxic for reproduction (Article 57 c)
178	Cadmium hydroxide/氢氧化 镉	21041-95-2	244-168-5	0.005	N.D.	Toxic for reproduction (Article 57 c)
179	Cadmium carbonate/碳酸镉	513-78-0	208-168-9	0.005	N.D.	Toxic for reproduction (Article 57 c)

TEST REPORT

NO.:NKV20030720101A-C/E

Date:Mar.13,2020

Page 18 of 23

No./序号	Substance name/项目	CAS No.	EC No.	MDL (%)	Result/结果(%)	Reason
180	Dechlorane [including all trans and cis isomers and their combinations./德克隆[包括所有反式和顺式异构体及其组合]	13560-89-9; 135821-74-8 ; 135821-03-3	--	0.005	N.D.	vPvB
181	1,3,4-thiadiazolidine-2,5-dithione,formaldehyde and 4-Heptylphenol, linear and branched (RP-HP) reaction product [4-heptyl phenol,branched and linear content≥0.1%w / w]/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≥0.1% w / w]	--	--	0.005	N.D.	Environmental damage(Article 57 f)
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride)/1,2,4-苯三酸酐 (偏苯三酸酐)	552-30-7	209-008-0	0.005	N.D.	Toxic for reproduction (Article 57 c); Environmental damage(Article 57 f)
183	Dicyclohexyl phthalate/邻苯二甲酸二环己酯 (DCHP)	84-61-7	201-545-9	0.005	N.D.	Toxic for reproduction (Article 57 c); Environmental damage(Article 57 f)
184	Benzo[ghi]perylene/苯并(g,h,i)芘(二萘嵌苯) (BPE)	191-24-2	205-883-8	0.005	N.D.	PBT(Article57d) vPvB(Article57e)
185	Decamethylcyclopentasiloxane (D5)/十甲基环五硅氧烷 (D5)	541-02-6	208-764-9	0.005	N.D.	PBT(Article57d) vPvB(Article57e)
186	Disodium octaborate/氧化硼钠	12008-41-2	234-541-0	0.005	N.D.	Toxic for reproduction (Article 57 c)
187	Dodecamethylcyclohexasiloxane (D6)/十二甲基环六硅氧烷 (D6)	540-97-6	208-762-8	0.005	N.D.	PBT(Article57d) vPvB(Article57e)
188	Ethylenediamine/乙二胺	107-15-3	203-468-6	0.005	N.D.	Environmental damage(Article 57 f)
189	Lead/铅	7439-92-1	231-100-4	0.005	N.D.	Toxic for reproduction (Article 57 c)

TEST REPORT

NO.:NKV20030720101A-C/E

Date:Mar.13,2020

Page 19 of 23

No./序号	Substance name/项目	CAS No.	EC No.	MDL (%)	Result/结果(%)	Reason
190	Octamethylcyclotetrasiloxane (D4)/八甲基环四硅氧烷 (D4)	556-67-2	209-136-7	0.005	N.D.	PBT(Article57d) vPvB(Article57e)
191	Terphenyl hydrogenated/氯化三联苯	61788-32-7	262-967-7	0.005	N.D.	vPvB(Article57e)
192	2,2-双(4-羟基苯基)-4-甲基戊烷 2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	0.005	N.D.	PBT(Article57d) vPvB(Article57e)
193	苯并[k]荧蒽 Benzo[k]fluoranthene	207-08-9	205-916-6	0.005	N.D.	PBT(Article57d) vPvB(Article57e)
194	荧蒽 Fluoranthene	206-44-0	205-912-4	0.005	N.D.	PBT(Article57d) vPvB(Article57e)
195	菲 Phenanthrene	85-01-8	201-581-5	0.005	N.D.	PBT(Article57d) vPvB(Article57e)
196	芘 Pyrene	129-00-0	204-927-3	0.005	N.D.	PBT(Article57d) vPvB(Article57e)
197	1,7,7-三甲基-3-(苯基亚甲基)双环[2.2.1]庚烷-2-酮 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	239-139-9	0.005	N.D.	PBT(Article57d) vPvB(Article57e)
198	2-甲氧基乙酸乙酯 2-methoxyethyl acetate	203-772-9	110-49-6	0.050	N.D.	Toxic for reproduction (Article 57 c)
199	三(壬基苯基, 支链和直链)亚磷酸酯 (TNPP), 含≥0.1% 支链和直链 (4-NP)Tris(4-nonylphenyl, branched and linear)phosphite (TNPP), with ≥0.1%w/w of 4-nonylphenyl, branched and linear(4-NP)	--	--	0.050	N.D.	Endocrine disruption (Article 57f)
200	4-叔丁基苯酚 5-4-tert-butyl phenol	202-679-0	98-54-4	0.050	N.D.	Endocrine disruption (Article 57f)

TEST REPORT

NO.:NKV20030720101A-C/E

Date:Mar.13,2020

Page 20 of 23

No./序号	Substance name/项目	CAS No.	EC No.	MDL (%)	Result/结果(%)	Reason
201	2,3,3,3-四氟-2-(七氟丙氧基)丙酸及其盐类和酰基卤化物(包括其异构单体和组合)2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides(covering any of their individual isomers and combinations thereof))	--	--	0.050	N.D.	Toxic for reproduction (Article 57 f); Environmental damage(Article 57 f)
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone /2-苄基-2-二甲氨基-1-(4-吗啉苯基)丁酮 2-	119313-12-1	404-360-3	0.05	N.D.	Toxic for reproduction (Article 57 c)
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one/2-甲基-1-(4-甲硫基苯基)-2-吗啉基-1-丙酮	71868-10-5	400-600-6	0.05	N.D.	Toxic for reproduction (Article 57 c)
204	Diisohexyl phthalate/邻苯二甲酸二异己酯	71850-09-4	276-090-2	0.05	N.D.	Toxic for reproduction (Article 57 c)
205	Perfluorobutane sulfonic acid (PFBS) and its salts/全氟丁烷磺酸(PFBS)及其盐	--	--	0.05	N.D.	Toxic for reproduction (Article 57 f); Environmental damage(Article 57 f)

Note/备注:

- N.D.=Not detected/未检出(<MDL)
- MDL=Method Detection Limit/方法检测限
- *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。
- **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、UV-Vis)/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。
- ***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)。
- ****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。
- 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。
- Definition of classification is listed on Appendix A of this report in accordance with 67/548/EEC and Regulation (EC) No

TEST REPORT

NO.:NKV20030720101A-C/E

Date:Mar.13,2020

Page 21 of 23

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

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 in formation./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 many result in the development of heritable genetic damage, generally on the basis of: - appropriate animal studies - other relevant in formation/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

TEST REPORT

NO.:NKV20030720101A-C/E

Date:Mar.13,2020

Page 22 of 23

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

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。

- 1.The chemical analysis of 201 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, 2011, Jun. 20, 2013, Dec.16, 2013,Jun. 16, 2014, Dec. 17, 2014 , Jun. 15 ,2015, Aug. 31, 2015, Dec. 17, 2015, Jun, 20, 2016 , Jan. 12, 2017, Jul. 07, 2017, Jan.15, 2018 , Jun. 27, 2018,Jan. 15, 2019, Jul. 16, 2019 and Jan. 16, 2020 ECHA announcement, officially announced the list of SVHC released./本报告所涉及的关于 201 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 1 月 13 日、2010 年 3 月 30 日、2010 年 6 月 18 日、2010 年 12 月 15 日、2011 年 6 月 20 日、2011 年 12 月 19 日、2012 年 6 月 18 日、2012 年 12 月 19 日、2013 年 6 月 20 日、2013 年 12 月 16 日、2014 年 6 月 16 日、2014 年 12 月 17 日、2015 年 6 月 15 日、2015 年 12 月 17 日、2016 年 6 月 20 日、2017 年 1 月 12 日、2017 年 7 月 07 日、2018 年 1 月 15 日、2018 年 6 月 27 日、2019 年 1 月 15 日、2019 年 7 月 16 日、2020 年 1 月 16 日公布的候选清单，利用现有的分析技术所完成的。
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。

Photograph of Sample

Kunshan NTEK Testing Technology Co., Ltd

No.8, Minguan Road, Zhoushi Town, Kunshan City, Jiangsu Province
TEL : 0512-36900800 FAX : 0512-36825508 HTTP : WWW.NTEK-LAB.CN

 **HOTLINE**
4000 186 169

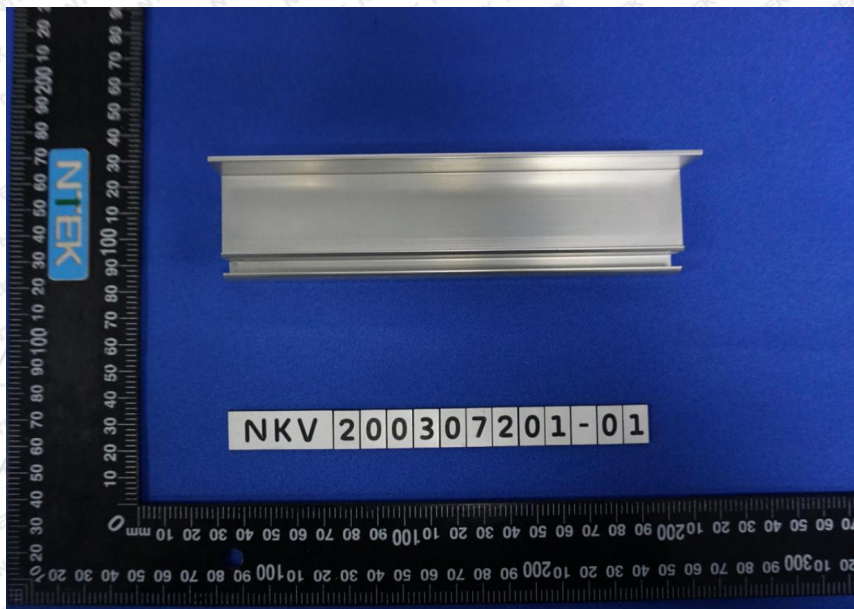
TEST REPORT

NO.:NKV20030720101A-C/E

Date:Mar.13,2020

Page 23 of 23

样品相片



End of Report

报告结束

Report statement/报告声明:

- 1.The test report is invalid without the signature of the authorized person and the special seal of the report./检测报告无批准人签字及“报告专用章”无效。
- 2.The sample and sample information are provided by the client, and the client shall be responsible for its authenticity. NTEK has not verified its authenticity./样品及样品信息由委托方提供, 委托方应对其真实性负责, NTEK 未核实其真实性。
3. The test result is only responsible for the test sample./本报告检测结果仅对受测样品负责。
- 4.The test results or data in this report will be used only for education, scientific research, enterprise product development and internal quality control or other purposes./本报告中的数据、结果仅供教学、科研、企业产品研发及企业内部质量控制等目的使用。
- 5.Without the consent of the NTEK,Shall not copy any part of this report./未经 NTEK 同意, 不得部分复制本报告。

