



TEST REPORT

REPORT No.: **DTIBW20211809-2**

Date:2021-08-17

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Applicant Company Name: **Dongguan Lingjie Electronics & Technology Co., Ltd**

Applicant Company Address: **Building A(Floor 1-4) and B(Floor 1-5), No. 16 Zhenxing North Road, Taiyuan Community, Xiegang Town, Dongguan City, Guangdong Province, 523590, P.R.C.**

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Name : Gaming Mouse
 Model No. : GM530
 Series Model : GM300 , GM530*****(*=A~Z,a~z,0~9,/ or blank), GM300*****(*=A~Z,a~z,0~9,/ or blank)
 Trademark : AOC
 Sample Receiving Date : August 11, 2021
 Testing Period : From August 11, 2021 to August 17, 2021
 Results : Please refer to next page(s).

Summary of Test Results:

TEST REQUEST

Two hundred and nineteen (219) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on - [\(EC\) No 1907/2006 concerning the REACH](#)

CONCLUSION

Pass
(As remark)

Remark : According to the specified scope and analytical technique, concentration of each 219 SVHC is <0.1% in the submitted sample(s)

Shenzhen Deesev Testing International Corp

Approved by: 
lab manager

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Results:

Test Portions:

- (1) =Mixture of nonmetal Parts
- (2) =Mixture of Metal Parts

A. Two hundred and nineteen (219) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on - (EC) No 1907/2006 concerning the REACH

Test method: With reference to in- house method, DTI-SVHC-001, DTI-SVHC-002, DTI- SVHC-003 DTI-SVHC-004, DTI-SVHC-005, Analysis is performed by ICP-AES, UV-VIS, GC/MS, HPLC/MS and IC

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No.	Items	CAS No.	EC No.	RL(%)	Results(%)	
					(1)	(2)
1	Anthracene (ANT)	120-12-7	204-371-1	0.005	N.D.	N.D.
2	4,4'-Diaminodiphenylmethane	101-77-9	202-974-4	0.005	N.D.	N.D.
3	Dibutyl Phthalate (DBP)	84-74-2	201-557-4	0.005	N.D.	N.D.
4	Cobalt Dichloride (CoCl ₂)*	7646-79-9	231-589-4	0.01	N.D.	N.D.
5	Diarsenic Pentoxide(As ₂ O ₅)*	1303-28-2	215-116-9	0.01	N.D.	N.D.
6	Diarsenic Trioxide(As ₂ O ₃)*	1327-53-3	215-481-4	0.01	N.D.	N.D.
7	Sodium Dichromate, Dihydrate*	7789-12-0, 10588-01-9	234-190-3	0.01	N.D.	N.D.
8	5-tert-butyl-2,4,6-trinitro-m-xylene(musk xylene)	81-15-2	201-329-4	0.005	N.D.	N.D.
9	Bis-(2-ethyl(hexyl) Phthalate (DEHP)	117-81-7	204-211-0	0.005	N.D.	N.D.
10	Hexabromocyclododecane (HBCDD)	25637-99-4 & 3194-55-6	247-148-4 221-695-9	0.005	N.D.	N.D.
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (SCCP)	85535-84-8	287-476-5	0.01	N.D.	N.D.
12	Bis(tributyltin)oxide (TBTO)*	56-35-9	200-268-0	0.005	N.D.	N.D.
13	Lead Hydrogen Arsenate*	7784-40-9	232-064-2	0.01	N.D.	N.D.
14	Benzyl Butyl Phthalate (BBP)	85-68-7	201-622-7	0.05	N.D.	N.D.
15	Triethyl Arsenate*	15606-95-8	427-700-2	0.01	N.D.	N.D.
16	Anthracene oil	90640-80-5	292-602-7	0.05	N.D.	N.D.
17	Anthracene oil , anthracene paste, distn . Lights	91995-17-4	295-278-5	0.05	N.D.	N.D.
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.05	N.D.	N.D.
19	Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.05	N.D.	N.D.

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					(1)	(2)
20	^① Anthracene oil, anthracene paste	90640-81-6	292-603-2	0.05	N.D.	N.D.
21	Diisobutyl phthalate	84-69-5	201-553-2	0.005	N.D.	N.D.
22	2,4-Dinitrotoluene	121-14-2	204-450-0	0.01	N.D.	N.D.
23	^① Coal tar pitch, high temperature***	65996-93-2	266-028-2	0.05	N.D.	N.D.
24	Tris (2-chloroethyl) phosphate	115-96-8	204-118-5	0.01	N.D.	N.D.
25	^② Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7	0.05	N.D.	N.D.
26	^② Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	12656-85-8	235-759-9	0.05	N.D.	N.D.
27	^② Lead chromate: chrome yellow	7758-97-6	231-846-0	0.05	N.D.	N.D.
28	Acrylamide	79-06-1	201-173-7	0.01	N.D.	N.D.
29	Trichloroethylene	79-01-6	201-167-4	0.005	N.D.	N.D.
30	^③ Boric acid *	10043-35-3; 11113-50-1	233-139-2; 234-343-4	0.01	N.D.	N.D.
31	^③ Disodium tetraborate, anhydrous	1330-43-4; 12179-04-3; 1303-96-4	215-540-4	0.01	N.D.	N.D.
32	^③ Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	0.01	N.D.	N.D.
33	Sodium chromate *	7775-11-3	231-889-5	0.01	N.D.	N.D.
34	Potassium chromate*	7789-00-6	232-140-5	0.01	N.D.	N.D.
35	Ammonium dichromate*	7789-09-5	232-143-1	0.01	N.D.	N.D.
36	Potassium dichromate	7778-50-9	231-906-6	0.01	N.D.	N.D.
37	Cobalt(II) sulphate *	10124-43-3	233-334-2	0.01	N.D.	N.D.
38	Cobalt(II) dinitrate*	10141-05-6	233-402-1	0.01	N.D.	N.D.

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No.	Items	CAS No.	EC No.	RL(%)	Results(%)	
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39	Cobalt(II) carbonate*	513-79-1	208-169-4	0.01	N.D.	N.D.
40	Cobalt(II) diacetate*	71-48-7	200-755-8	0.01	N.D.	N.D.
41	2-Methoxyethanol	109-86-4	203-713-7	0.005	N.D.	N.D.
42	2-Ethoxyethanol	110-80-5	203-804-1	0.005	N.D.	N.D.
43	Chromium trioxide*	1333-82-0	215-607-8	0.01	N.D.	N.D.
44	Chromic acid* Dichromic acid*	7738-94-5 13530-68-2	231-801-5 236-881-5	0.01	N.D.	N.D.
45	1,2,3-trichloropropane	96-18-4	202-486-1	0.01	N.D.	N.D.
46	Strontium chromate*	7789-06-2	232-142-6	0.01	N.D.	N.D.
47	2-ethoxyethyl acetate	111-15-9	203-839-2	0.01	N.D.	N.D.
48	^① 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	0.01	N.D.	N.D.
49	Hydrazine	7803-57-8 302-01-2	206-114-9	0.01	N.D.	N.D.
50	1-methyl-2-pyrrolidone	872-50-4	212-828-1	0.01	N.D.	N.D.
51	^① 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	276-158-1	0.01	N.D.	N.D.
52	Dichromium tris(chromate)*	24613-89-6	246-356-2	0.01	N.D.	N.D.
53	Potassium hydroxyoctaoxodizin catedi-chromate *	11103-86-9	234-329-8	0.01	N.D.	N.D.
54	Pentazinc chromate octahydroxide	49663-84-5	256-418-0	0.01	N.D.	N.D.
55	^② Aluminosilicate Refractory Ceramic Fibres (Al-RCF)**	-	-	0.05	N.D.	N.D.

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No.	Items	CAS No.	EC No.	RL(%)	Results(%)	
					(1)	(2)
56	² Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)**	-	-	0.05	N.D.	N.D.
57	¹ Formaldehyde, oligomeric reaction products with aniline (technical MDA) [▲]	25214-70-4	500-036-1	0.01	N.D.	N.D.
58	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	0.005	N.D.	N.D.
59	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	0.005	N.D.	N.D.
60	4-(1,1,3,3-tetramethylbutyl) phenol, (4-tert-Octylphenol)	140-66-9	205-426-2	0.005	N.D.	N.D.
61	1,2-Dichloroethane	107-06-2	203-458-1	0.005	N.D.	N.D.
62	Bis (2-methoxyethyl) ether	111-96-6	203-924-4	0.005	N.D.	N.D.
63	Arsenic acid *	7778-39-4	231-901-9	0.01	N.D.	N.D.
64	Calcium arsenate*	7778-44-1	231-904-5	0.01	N.D.	N.D.
65	Trilead diarsenate*	3687-31-8	222-979-5	0.01	N.D.	N.D.
66	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	0.005	N.D.	N.D.
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	0.005	N.D.	N.D.
68	Phenolphthalein	77-09-8	201-004-7	0.005	N.D.	N.D.
69	Lead azide Lead diazide*	13424-46-9	236-542-1	0.01	N.D.	N.D.
70	Lead styphnate*	15245-44-0	239-290-0	0.01	N.D.	N.D.
71	Lead dipicrate*	6477-64-1	229-335-2	0.01	N.D.	N.D.
72	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2	203-977-3	0.01	N.D.	N.D.
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	0.01	N.D.	N.D.

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					(1)	(2)
74	[®] Diboron trioxide**	1303-86-2	215-125-8	0.01	N.D.	N.D.
75	Formamide	75-12-7	200-842-0	0.01	N.D.	N.D.
76	Lead(II) bis(methanesulfonate) **	17570-76-2	401-750-5	0.01	N.D.	N.D.
77	(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	2451-62-9	219-514-3	0.01	N.D.	N.D.
78	β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	423-400-0	0.01	N.D.	N.D.
79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	90-94-8	202-027-5	0.01	N.D.	N.D.
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	0.01	N.D.	N.D.
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Violet 3) ***	548-62-9	208-953-6	0.05	N.D.	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) ***	2580-56-5	219-943-6	0.05	N.D.	N.D.
83	α,α-Bis[4-(dimethylamino)phenyl]-4-(phenylamino) naphthalene - 1-methanol (C.I. Solvent Blue 4)***	6786-83-0	229-851-8	0.05	N.D.	N.D.
84	4,4'-bis(dimethylamino)-4''-(methylamino) trityl alcohol	561-41-1	209-218-2	0.05	N.D.	N.D.
85	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	214-604-9	0.05	N.D.	N.D.
86	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	0.05	N.D.	N.D.

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87	Tricosafuorododecanoic acid	307-55-1	206-203-2	0.05	N.D.	N.D.
88	Henicosafuoroundecanoic acid	2058-94-8	218-165-4	0.05	N.D.	N.D.
89	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	0.05	N.D.	N.D.
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated -covering well-defined substances and UVCB substances, polymers and homologues	-	-	0.05	N.D.	N.D.
91	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	-	-	0.05	N.D.	N.D.
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	0.05	N.D.	N.D.
93	Cyclohexane-1,2-dicarboxylic anhydride cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7 13149-00-3 14166-21-3	201-604-9 236-086-3 238-009-9	0.05	N.D.	N.D.
94	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic 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	0.05	N.D.	N.D.

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