

Test Report No. C220908032001-1 Date: Sep 17, 2022 Page 1 of 34

Applicant: DOKE COMMUNICATION (HK) LIMITED

Applicant address: RM 1902 EASEY COMM BLDG 253-261 HENNESSY ROAD WANCHAI HK CHINA

The following samples were submitted and identified on behalf of the clients as

Sample Name: Smart phone

Model: A52

Sample Quantity:

Trademark: Blackview

Manufacturer: Shenzhen DOKE Electronic Co., Ltd.

801, Building3, 7th Industrial Zone, Yulv Community, Yutang Road, Guangming Manufacturer Address:

District, Shenzhen, China.

CPST Internal Reference No.: C220908032

Sep 08, 2022 Sample Received Date:

Test Period: Sep 08, 2022 to Sep 17, 2022

Test Method: Please refer to next page(s).

Test Result: Please refer to next page(s).

Signed Can Son behalf of

Eurones (Dongguan) Consumer Products Testing Service Co., Ltd

WRITTEN BY:

REVIEWED BY:

APPROVED BY:

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air Lu

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Liu Xiao Fang, Sunshine

Report Reviewer

Pan Jian Ding, Will **Technical Supervisor**



Test Report	No. C220908032001-1	Date: Sep 17, 2022	Page 2 of 34
CONCLUSION:	***********************************	********	******
TESTED SAMPLES	TEST ITEM		RESULT
	1.RoHS Directive 2011/65/EU Annex II a	amending Annex (EU)2015	/863
Smart phone	 Lead, Cadmium, Mercury, Hexaval and PBDEs Content 	ent Chromium, PBBs	PASS
	—Di-(2-ethylhexyl) phthalate(DEHP), Dibutyl phthalate (DBP), Diisobutyl), PASS





No. C220908032001-1

Date: Sep 17, 2022

Page 3 of 34

2. Test Item Description And Photo List

Sample No.	Description	Photograph
001	Transparent glass with black plating	
002	Black plastic with blue/beige plating (shell)	2
003	Black FPC	3 5 4 7
004	Black plastic	
005	Black plastic	
006	Silvery metal	
007	Black foam	
800	Black FPC	6
009	Silvery metal (screw)	11 10 9
010	Silvery metal with black plating (screw)	
011	Black plastic	B i Sotowa S i S i Sotowa S i S i S i S i S i S i S i S i S i S i
012	Transparent plastic	
013	Transparent glass with black plating	12 13





No. C220908032001-1

Date: Sep 17, 2022

Page 4 of 34

Sample No.	Description	Photograph
014	Black foam) 14 15 <
015	Yellow FPC	
016	Blue plastic	
017	Green PCB	17 18 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
018	Silvery solder	19
019	Black glue	



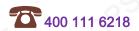


No. C220908032001-1

Date: Sep 17, 2022

Page 5 of 34

sample No.	Description	Photograph
020	Beige plastic	2.0
95 C.	5) CP 551 CP 5	24
021	Black plastic	3
022	Golden metal	
023	Yellow FPC	
024	Silvery solder	23. 24
025	Silvery metal (camera)	
026	Silvery magnet	26 27 28
027	Black plastic	
028	Coppery metal	
029	Grey plastic	
030	Transparent glass	29 30





No. C220908032001-1

Date: Sep 17, 2022

Page 6 of 34

Sample No.	Description	Photograph
031	Black plastic	31 33 35
032	Transparent glass	
033	Black plastic	Day of the complete
034	Transparent glass	
035	Transparent glass	32 34
036	Silvery metal with black plating	36 38 39
037	Transparent glass	
038	Grey plastic	
039	Grey plastic	
040	Mirror body	
041	Coppery metal	37 40 4
042	Coppery metal	42 43 44
043	Yellow FPC	
044	Silvery solder	
045	Black plastic (camera)	45





No. C220908032001-1

Date: Sep 17, 2022

Page 7 of 34

Description	Photograph
Transparent glass	5) 200 000
Grey plastic	
Transparent glass	46 48 50 52
Black plastic	
Transparent glass	47 49 51
Black plastic	
Silvery textile	35 CP 051
Grey foam	53 54 55
Silvery metal	
Yellow FPC	
Silvery solder	56
Black soft plastic	57
	Transparent glass Grey plastic Transparent glass Black plastic Transparent glass Black plastic Silvery textile Grey foam Silvery metal Yellow FPC Silvery solder





No. C220908032001-1 Date: Sep 17, 2022 Page 8 of 34

Sample No.	Description	Photograph
058	Black plastic (camera)	58 59 60 62
059	Black plastic	
060	Transparent glass	
061	Black plastic	<
062	Transparent glass	61
063	Black plastic	63 64 67
064	Black plastic	
065	Mirror body	0.00
066	Yellow FPC	
067	Silvery solder	65 66 68
068	Silvery metal	
069	Black soft plastic	
070	Silvery metal	NAME OF TAXABLE PARTY.

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No. C220908032001-1

Date: Sep 17, 2022

Page 9 of 34

Sample No.	Description	Photograph
071	Silvery metal	71 72
072	Grey plastic	
073	Silvery metal with golden plating	73
074	Silvery metal with golden plating	74 76 78
075	Black body	100 100 100 100 100 100 100 100 100 100
076	Black body	
077	Black body	
078	Black body	
079	Black body	75 77 79
080	Golden metal	81
081	Golden metal	
082	Black plastic	
083	White body with black printing	82 55 5
084	Black body	84
085	Black body	
086	Silvery metal	85
087	Black plastic	86 S S





No. C220908032001-1

Date: Sep 17, 2022

Page 10 of 34

Description	Photograph
Golden metal	88
Black plastic	
Silvery body (crystal)	
Brown body	
Silvery metal	92 93 94
Grey plastic	A STREET OF THE PARTY OF THE PA
Golden metal	
Black body	MA 491
Golden metal	- 16 H
Yellow body (LED)	
Black PCB	TO THE PARTY OF TH
Silvery solder	
Golden metal	
	Golden metal Black plastic Silvery body (crystal) Brown body Silvery metal Grey plastic Golden metal Black body Golden metal Yellow body (LED) Black PCB Silvery solder





No. C220908032001-1

Date: Sep 17, 2022

Page 11 of 34

Sample No.	Description	Photograph
101	Black plastic	104
102	Black soft plastic (wire jacket)	102
103	Silvery metal (wire core)	
104	White soft plastic (wire jacket)	104 103
105	Silvery metal with golden plating	
106	Black plastic	106 107 108
107	Black textile	
108	Silvery metal	
109	Silvery magnet	409





No. C220908032001-1 Date: Sep 17, 2022 Page 12 of 34

Sample No.	Description	Photograph
110	Silvery metal	110 111
C 111	Transparent plastic	
112	Coppery metal	
113	Silvery metal foil	112 113
289) C	65 65 4 6	114 115
114	Transparent plastic with color plating	
115	White glue	
116	Black soft plastic (wire jacket)	116 120
117	Red soft plastic (wire jacket)	
118	Black glue	建50g
119	Black plastic	
120	Silvery metal with black printing	117 118 118
121	Silvery metal	121 123 122
122	Silvery metal	
123	Silvery solder	- 124
124	Coppery metal	120
125	Silvery metal foil	
126	Red glue	
127	Transparent plastic	126 127





No. C220908032001-1

Date: Sep 17, 2022

Page 13 of 34

Sample No.	Description	Photograph
128	Black plastic	128
129	Silvery metal with golden plating	
130	Black soft plastic	129 130
131	Silvery metal (MIC)	131 132 133
132	Yellow plastic	
133	Silvery metal	
134	Grey metal foil	184
135	Silvery metal	135 136 139
136	Silvery metal	
9 137	Black plastic	
138	Green PCB	
139	Silvery solder	137 138
140	Black soft plastic	140
141	Silvery metal	141





No. C220908032001-1

Date: Sep 17, 2022

Page 14 of 34

Sample No.	Description	Photograph
142	Black plastic	
143	Golden metal	148
144	Black PCB	145 144
145	Silvery solder	2230. 1230 (7) (8)
146	Black foam	146
147	Silvery metal	147
148	Transparent plastic	
149	Green PCB	
150	Coppery metal	148 149 158





No. C220908032001-1

Date: Sep 17, 2022

Page 15 of 34

Sample No.	Description	Photograph
151	Silvery metal	151
152	Golden metal	<u></u>
153	White plastic	
154	Silvery magnet	6 153 154
155	Yellow FPC	155 158
156	Silvery solder	
157	Silvery metal	
158	Silvery metal	
159	Yellow FPC	159 162
160	Black plastic	
161	Silvery metal	S. C.
162	Yellow FPC	160 161
163	Silvery solder	165 164 163
164	Green plastic	
165	Black plastic	





No. C220908032001-1

Date: Sep 17, 2022

Page 16 of 34

Sample No.	Description	Photograph
166	Black plastic	166 167
167	Silvery metal with black printing	
168	White plastic	
169	Silvery plastic	
170	Transparent plastic	168 169 170 173
171	White plastic	4
172	Translucent plastic	
173	Black plastic	
174	Silvery plastic	5° CY CY
175	White plastic	175 176 177
176	White body	
177	Yellow FPC	
178	Silvery solder	178





No. C220908032001-1 Date: Sep 17, 2022 Page 17 of 34

Sample No.	Description	Photograph
179	Transparent glass with grey plating	179
180	Grey plastic	180
181	White plastic with green plating	2181 182 183
182	Black plastic with golden plating	
183	Black plastic with grey plating	
184	Silvery metal	184185 186 187 188 189
185	Black plastic with rice/golden printing	
186	Black plastic with rice/blue printing	
187	Black plastic with rice/grey printing	
188	Black plastic with beige printing	
189	Black plastic with rice/grey printing	





No. C220908032001-1

Date: Sep 17, 2022

Page 18 of 34

Sample No.	Description	Photograph
190	Blue matter	190 191 192 193
191	Green matter	
192	Golden matter	Can be with the same of the sa
193	Black matter	
194	Green PCB	194195
195	Silvery solder	
196	Black plastic	196
197	Golden metal	
198	Yellow FPC	
199	Silvery solder	
200	Black glue	198 197 200
201	Silvery metal with golden plating	201





No. C220908032001-1 Date: S

Date: Sep 17, 2022 Page 19 of 34

3. Test Results

3.1 Screening test for the specified hazardous substances of RoHS for the selected materials of the submitted sample:

- Heavy Metal (Cadmium, Chromium, Mercury, Lead) Content Test
- Bromine Content Test

According to IEC 62321-3-1:2013, and Quantification analyzed with Energy Dispersive X-ray Fluorescence Spectrometers.

Sample No.	Total Cadmium	Total Lead	Total Mercury	Total Chromium	Total Bromine
Sample 001	BL	BL	BL	BL	BL
Sample 002	BL	BL	BL	BL	BL
Sample 003	BL	BL	BL	BL	BL
Sample 004	BL	S BL	BL	BL	BL
Sample 005	BL	BL	BL	Inconclusive^	BL
Sample 006	BL	BL	BL	Inconclusive^	N.A.
Sample 007	BL	BL	BL	BL	BL
Sample 008	BL	BL O	BL	BL	BL
Sample 009	BL	BL	BL	BL	N.A.
Sample 010	BL	BL	BL	BL	N.A.
Sample 011	BL	BL	BL	BL	BL
Sample 012	BL	BL	BL	BL	BL
Sample 013	BL	BL	BL	BL	BL
Sample 014	BL	BL	BL	BL	BL
Sample 015	BL	BL	BL	BL O	BL
Sample 016	BL	BL	9 BL	BL	BL
Sample 017	BL	S BL	BL	BL	U BL
Sample 018	BL G	BL	BL	BL	N.A.
Sample 019	BL	BL	BL	BL	BL
Sample 020	BL	O BL	BL	BL	BL
Sample 021	BL	BL	BL	BL	BL
Sample 022	BL	BL	BL	BL	N.A.
Sample 023	BL	BL	BL	BL	BL
Sample 024	BL	BL	BL	Inconclusive^	N.A.
Sample 025	BL	BL	BL	BL	N.A.
Sample 026	BL	BL	BL	BL	BL





No. C220908032001-1 Date: Sep 17, 2022 Page 20 of 34

Sample No.	Total Cadmium	Total Lead	Total Mercury	Total Chromium	Total Bromine
Sample 027	BL	BL	BL	BL	BL
Sample 028	BL	BL	BL	BL	N.A.
Sample 029	BL	BL	BL	9 BL O	BL
Sample 030	BL	BL	BL O	BL	BL
Sample 031	BL	BL O	BL	BL	BL
Sample 032	BL O	BL	BL	BL	BL
Sample 033	BL	BL	BL	BL	BL
Sample 034	BL	BL	BL	BL	BL
Sample 035	BL	BL	BL	BL	BL
Sample 036	BL	BL	BL	BL	N.A.
Sample 037	BL	BL	BL	S BL	BL
Sample 038	BL	BL	S BL	BL	BL
Sample 039	BL	S BL	BL	BL	BL
Sample 040	S BL	BL	BL	BL	BL
Sample 041	BL	BL	BL	BL	N.A.
Sample 042	BL	BL	BL	BL	N.A.
Sample 043	BL	BL	BL	BL	BL
Sample 044	BL	BL	BL	BL	N.A.
Sample 045	BL	BL	BL	BL	BL
Sample 046	BL	BL	BL	BL	BL
Sample 047	BL	BL	BL	BL	BL
Sample 048	BL	BL	BL	BL	BL
Sample 049	BL	BL	BL	BL	BL
Sample 050	BL	BL	BL	BL O	BL
Sample 051	BL	BL	BL O	BL	BL
Sample 052	BL	S BL ()	BL	BL	U BL C
Sample 053	BL (BL	BL	BL	BL
Sample 054	BL	BL	BL	Inconclusive^	N.A.
Sample 055	BL	BL	BL	BL	BL
Sample 056	BL	BL	BL	Inconclusive^	N.A.
Sample 057	BL	BL	BL	BL	BL
Sample 058	BL	BL	BL	SBL (BL
Sample 059	BL	BL	BL	BL	BL
Sample 060	BL	BL	BL	BL	BL
Sample 061	BL	BL	BL	BL	BL





No. C220908032001-1 Date: Sep 17, 2022 Page 21 of 34

Sample No.	Total Cadmium	Total Lead	Total Mercury	Total Chromium	Total Bromine
Sample 062	BL	BL	BL	BL	BL
Sample 063	BL	BL	BL	BL	BL
Sample 064	BL	BL	BL	BL O	BL
Sample 065	BL	K BL	BL O	BL	BL
Sample 066	BL	BL O	BL	BL	BL
Sample 067	BL O	BL	BL	Inconclusive^	N.A.
Sample 068	BL	BL	BL	BL	N.A.
Sample 069	BL	BL	BL	BL	BL
Sample 070	BL	BL	BL	Inconclusive^	N.A.
Sample 071	BL	BL	BL	Inconclusive^	N.A.
Sample 072	BL	BL	BL	S BL	BL
Sample 073	BL	BL	S BL	BL	N.A.
Sample 074	BL	S BL	BL	BL	N.A.
Sample 075	SBL (BL	BL	BL	BL
Sample 076	BL	BL	BL	BL	BL
Sample 077	BL	BL	BL	BL	BL
Sample 078	BL	BL	BL	BL	BL
Sample 079	BL	BL	BL	BL	BL
Sample 080	BL	BL	BL	BL	N.A.
Sample 081	BL	BL	BL	BL	N.A.
Sample 082	BL	BL	BL	BL	BL
Sample 083	BL	BL	BL	BL	BL
Sample 084	BL	BL	BL	BL	BL
Sample 085	BL	BL	BL	BL O	BL
Sample 086	BL	BL	BL O	BL	N.A.
Sample 087	BL	S BL	BL	BL	BLC
Sample 088	BL G	BL	BL	BL	N.A.
Sample 089	BL	BL	BL C	BL	BL
Sample 090	BL	BL	BL	BL	BL
Sample 091	BL	BL	BL	Inconclusive^	BL
Sample 092	BL	BL	BL	BL	N.A.
Sample 093	BL	BL	BL	SBL (BL
Sample 094	BL	BL	BL	BL	N.A.
Sample 095	BL	BL	BL	BL	BL
Sample 096	BL	BL	BL	Inconclusive^	N.A.





No. C220908032001-1 Date: Sep 17, 2022 Page 22 of 34

Sample No.	Total Cadmium	Total Lead	Total Mercury	Total Chromium	Total Bromine
Sample 097	BL	BL	BL	BL	BL
Sample 098	BL	BL	BL	BL	BL
Sample 099	BL	BL	A BL	BL O	N.A.
Sample 100	BL	BL	BL O	BL	N.A.
Sample 101	BL	BL	BL	BL	BL
Sample 102	BL	BL	BL	BL	BL
Sample 103	BL	BL	BL	BL	N.A.
Sample 104	BL	BL	BL	BL	BL
Sample 105	BL	BL	BL	Inconclusive^	N.A.
Sample 106	BL	BL	BL	BL	BL
Sample 107	BL	BL	BL	BL	BL
Sample 108	Inconclusive^	BL	S BL	BL	N.A.
Sample 109	BL	S BL	BL	BL	BL
Sample 110	S BL	BL	BL	BL	N.A.
Sample 111	BL	BL	BL	BL	BL
Sample 112	BL	BL	BL	BL	N.A.
Sample 113	BL	BL	BL	BL	N.A.
Sample 114	BL	BL	BL	BL	BL
Sample 115	BL	BL	BL	BL	BL
Sample 116	BL	BL	BL	BL	BL
Sample 117	BL	BL	BL	BL	BL
Sample 118	BL	BL	BL	BL	BL
Sample 119	BL	BL	BL	BL	BL
Sample 120	BL	BL	BL	Inconclusive^	N.A.
Sample 121	Inconclusive^	BL	D BL	Inconclusive^	N.A.
Sample 122	BL	BL C	BL	Inconclusive^	N.A.
Sample 123	BL (BL	BL	Inconclusive^	N.A.
Sample 124	BL	BL	BL C	BL	N.A.
Sample 125	BL	BL BL	BL	BL	N.A.
Sample 126	BL	BL	BL	BL	BL
Sample 127	BL	BL	BL	BL	BL
Sample 128	BL	BL	BL	BL	BL
Sample 129	BL	BL	BL	BL	N.A.
Sample 130	BL	BL	BL	BL	BL
Sample 131	BL	BL	BL	BL	N.A.





No. C220908032001-1 Date: Sep 17, 2022 Page 23 of 34

Sample No.	Total Cadmium	Total Lead	Total Mercury	Total Chromium	Total Bromine
Sample 132	BL	BL	BL	BL	BL
Sample 133	BL	BL	BL	Inconclusive^	N.A.
Sample 134	BL	BL	BL	Inconclusive^	N.A.
Sample 135	BL	BL	BL O	BL	N.A.
Sample 136	BL	BL	BL	Inconclusive^	N.A.
Sample 137	BL O	BL	BL	BL	BL
Sample 138	BL	BL	BL	BL	BL
Sample 139	Inconclusive^	BL	BL	BL	N.A.
Sample 140	BL	BL	BL	BL	BL
Sample 141	BL	BL	BL	Inconclusive^	N.A.
Sample 142	BL	BL	BL	S BL	BL
Sample 143	BL	BL	BL	BL	N.A.
Sample 144	BL	BL	BL	BL	Inconclusive [^]
Sample 145	BL	BL	BL	BL	N.A.
Sample 146	BL	BL	BL	BL	BL
Sample 147	BL	BL	BL	BL	N.A.
Sample 148	BL	BL	BL	BL	BL
Sample 149	BL	BL	BL	BL	BL
Sample 150	BL	BL	BL	BL	N.A.
Sample 151	BL	BL	BL	BL	N.A.
Sample 152	Inconclusive^	BL	BL	BL	N.A.
Sample 153	BL	BL	BL	BL	BL
Sample 154	BL	BL	BL	BL	BL
Sample 155	BL	BL	BL	BL O	BL
Sample 156	BL	BL	BL (BL	N.A.
Sample 157	BL	BL O	BL	BL	N.A.
Sample 158	BL C	BL	BL	Inconclusive^	N.A.
Sample 159	BL	BL	BL	BL	BL
Sample 160	BL	BL	BL	BL	BL
Sample 161	BL	BL	BL	BL	N.A.
Sample 162	BL	BL	BL	BL	BL
Sample 163	BL	BL	BL	Inconclusive^	N.A.
Sample 164	BL	BL	BL	BL	BL
Sample 165	BL	BL	BL	BL	BL
Sample 166	BL	BL	BL	BL	BL





No. C220908032001-1 Date: Sep 17, 2022 Page 24 of 34

Sample No.	Total Cadmium	Total Lead	Total Mercury	Total Chromium	Total Bromine
Sample 167	BL	BL	BL	Inconclusive^	N.A.
Sample 168	BL	BL	BL	Inconclusive^	BL
Sample 169	BL	BL	A BL	BL O	BL
Sample 170	BL	BL	BL O	BL	BL
Sample 171	BL	BL O	BL	BL	BL
Sample 172	BL O	BL	BL	BL	BL
Sample 173	BL	BL	BL	BL	BL
Sample 174	BL	BL	BL	BL	BL
Sample 175	BL	BL	BL	BL	BL
Sample 176	BL	BL	BL	BL	BL
Sample 177	BL	BL	BL	S BL	BL
Sample 178	BL	BL	S BL	BL	N.A.
Sample 179	BL	S BL	BL	BL	BL
Sample 180	S BL	BL	BL	BL	BL
Sample 181	BL	BL	BL	BL	BL
Sample 182	BL	BL	BL	BL	BL
Sample 183	BL	BL	BL	BL	BL
Sample 184	BL	BL	BL	Inconclusive^	N.A.
Sample 185	BL	BL	BL	BL	BL
Sample 186	BL	BL	BL	BL	BL
Sample 187	BL	BL	BL	BL	BL
Sample 188	BL	BL	BL	BL	BL
Sample 189	BL	BL	BL	BL) BL
Sample 190	BL	BL	BL	BL O	BL
Sample 191	BL	BL	BL O	BL	BL
Sample 192	BL	9 BL	BL	BL	BL
Sample 193	BL O	BL	BL	BL	BL
Sample 194	BL	BL	BL	BL	BL
Sample 195	BL	BL	BL	BL	N.A.
Sample 196	BL	BL	BL	BL	BL
Sample 197	BL	BL	BL	BL	N.A.
Sample 198	BL	BL	BL	BL	BL
Sample 199	BL	BL	BL	Inconclusive^	N.A.
Sample 200	BL	BL	BL	BL	BL
Sample 201	BL	BL	BL	Inconclusive^	N.A.





No. C220908032001-1 Date: Sep 17, 2022 Page 25 of 34

Note:

- 1. All Concentrations express in "mg/kg" (milligram per kilogram), mg/kg ~ ppm
- 2. "OL" denotes "over limit"
- 3. "BL" denotes "below limit"
- 4. "N.A." denotes "Not Applicable"
- 5. "Inconclusive" denotes result is intermediate between "OL" and "BL"
- 6. "A"denotes the screening result was inconclusive(X) or over limit (OL), thus further confirmation test was conducted, results are listed in 3.2 and 3.3.

XRF screening limits for different materials:

Materials	Concentration (mg/kg)					
	Cd	Cr	Pb	Hg	Br	
Metal	BL≤(70-3σ) <x< (130+3σ)≤OL</x< 	BL≤(700-3σ) <x< th=""><th>BL≤(700-3σ)<x< (1300+3σ)≤OL</x< </th><th>BL≤(700-3σ)<x< (1300+3σ)≤OL</x< </th><th>N.A.</th></x<>	BL≤(700-3σ) <x< (1300+3σ)≤OL</x< 	BL≤(700-3σ) <x< (1300+3σ)≤OL</x< 	N.A.	
Polymers	BL≤(70-3σ) <x< (130+3σ)≤OL</x< 	BL≤(700-3σ) <x< th=""><th>BL≤(700-3σ)<x< (1300+3σ)≤OL</x< </th><th>BL≤(700-3σ)<x< (1300+3σ)≤OL</x< </th><th>BL≤(300-3σ)< X</th></x<>	BL≤(700-3σ) <x< (1300+3σ)≤OL</x< 	BL≤(700-3σ) <x< (1300+3σ)≤OL</x< 	BL≤(300-3σ)< X	
Composite material	BL≤(50-3σ) <x< (150+3σ)≤OL</x< 	BL≤(500-3σ) <x< th=""><th>BL≤(500-3σ)<x< (1500+3σ)≤OL</x< </th><th>BL≤(500-3σ)<x< (1500+3σ)≤OL</x< </th><th>BL≤(250-3σ)< X</th></x<>	BL≤(500-3σ) <x< (1500+3σ)≤OL</x< 	BL≤(500-3σ) <x< (1500+3σ)≤OL</x< 	BL≤(250-3σ)< X	





No. C220908032001-1

Date: Sep 17, 2022 Page 26 of 34

3. 2 Test for Heavy Metals

Lead, Cadmium, Hexavalent Chromium and Mercury Tests according to IEC 62321-4:2013+A1:2017 &IEC 62321-5:2013 & IEC 62321-7-1:2015& IEC 62321-7-2:2017, Analysis was conducted by ICP-OES, UV-VIS.

Element	Total Cadmium [mg/kg]	Total Lead [mg/kg]	Total Mercury [mg/kg]	Hexavalent Chromium [µg/cm²]	Hexavalent Chromium [mg/kg]
Detection Limit	5	5	5	0.10	5
Limit	100	1000	1000	0.10	1000
Sample 005	7	310	7 /	15	N.D.
Sample 006	1	1/2	19	N.D.	< 1
Sample 024	1	9		N.D.	91
Sample 054	61	CX I A	10	N.D.	1
Sample 056	- 1	1,5	10	N.D.	09
Sample 067	19		/_/	N.D.	016
Sample 070		< 1 <	001	N.D.	12
Sample 071	1 0	16	1	N.D.	, 4
Sample 091	10	-1	_QP	201	N.D.
Sample 096	1	07	V1 6	N.D.	1
Sample 105	021	16	1_2 ~	N.D.	251
Sample 108	N.D.	~R	1	51	XIX
Sample 120		, 4	910	N.D.	15
Sample 121	N.D.	1 -8	1	N.D.	()
Sample 122	1-	71	9	N.D.	1
Sample 123	1	251	C 1	N.D.	10
Sample 133	910	1 /	100	N.D.	~ 1
Sample 134	1	15		N.D.	021
Sample 136	29	GY.	/ /	N.D.	1
Sample 139	N.D.	10		1	201
Sample 141	100	10	1	N.D.	07
Sample 152	N.D.	~~1	04	916	108
Sample 158	1	21	V 10	N.D.	X 1
Sample 163	9 10	1	-R	N.D.	51
Sample 167		~ PT	2 4	N.D.	1/
Sample 168	27	91 6	16	1	N.D.
Sample 184	4 16	1-8	1	N.D.	CX 1
Sample 199	-1	X P	251	N.D.	10
Sample 201	7	910	1 /	N.D.	1





No. C220908032001-1 Date: Sep 17, 2022 Page 27 of 34

Note:

- 1. All Concentrations express in "mg/kg" (milligram per kilogram), mg/kg ~ ppm.
- 2. "N.D." = "Not Detected".
- 3. Boiling-water-extraction:

Negative = Absence of Cr(VI) coating / surface layer: the detected concentration in boiling-water-extraction solution is less than 0.10µg with 1cm² sample surface area. Positive = Presence of Cr(VI) coating / surface layer: the detected concentration in boiling-water-extraction solution is greater than 0.13µg with 1cm² sample surface area. Inconclusive =the detected concentration in boiling-water-extraction solution is greater than 0.10µg and less than 0.13µg with 1cm² sample surface area.

- 4. Positive = result be regarded as not comply with RoHS requirement Negative = result be regarded as comply with RoHS requirement
- 5. "-" =Not regulated





No. C220908032001-1

Date: Sep 17, 2022 Page 28 of 34

3. 3 Test for Flame retardants

- Test Method: With reference to IEC 62321-6:2015, extracted by toluene and analyzed by Gas Chromatography and Mass Spectrometry (GC-MS). [Reporting Limit: 5mg/kg]

0		Result [mg/kg]	RoHS	
	Test Item	Sample 144	Requirement [mg/kg]	
351	Monobromobiphenyl	< 5	0, 2	
	Dibromobiphenyl	< 5	4 62	
	Tribromobiphenyl	< 5	10° c	
	Tetrabromobiphenyl	< 5	-61 CF	
	Pentabromobiphenyl	< 5		
PBBs	Hexabromobiphenyl	< 5	Sum of PBBs < 1000	
	Heptabromobiphenyl	< 5	1000	
	Octabromobiphenyl	< 5	5 68°	
	Nonabromobiphenyl	< 5	7 6	
-051	Decabromobiphenyl	< 5	(S) (Y)	
	Sum of PBBs	< 5		
0.	Monobromodiphenyl Ether	< 5	000	
	Dibromodiphenyl Ether	< 5	, C' &	
	Tribromodiphenyl Ether	<5	S 68 x	
	Tetrabromodiphenyl Ether	< 5	7 (25)	
	Pentabromodiphenyl Ether	< 5	38 CX	
PBDEs	Hexabromodiphenyl Ether	< 5	Sum of PBDEs < 1000	
	Heptabromodiphenyl Ether	< 5	1000	
	Octabromodiphenyl Ether	< 5	U' 61	
	Nonabromodiphenyl Ether	<5	1 68 ×	
	Decabromodiphenyl Ether	< 5	x 05	
	Sum of PBDEs	< 5	5° O' .	

Note:

- 1. All Concentrations express in "mg/kg" (milligram per kilogram), mg/kg ~ ppm.
- 2. "<" denotes less than



No. C220908032001-1

Date: Sep 17, 2022

Page 29 of 34

3.4 <u>Di-(2-ethylhexyl) phthalate(DEHP), Benzylbutyl phthalate(BBP), Dibutyl phthalate (DBP), Diisobutyl</u> phthalate (DIBP) Content—RoHS Directive 2011/65/EU Annex II amending Annex (EU)2017/2102

Test method: With reference to IEC 62321-8:2017; Analysis was conducted by GC-MS.

Element	Di-(2-ethylhexyl) phthalate (DEHP) [mg/kg]	Benzylbutyl phthalate (BBP) [mg/kg]	Dibutyl phthalate (DBP) [mg/kg]	Diisobutyl phthalate(DIBP) [mg/kg]
Detection Limit	50	50	50	50
Limit	1000	1000	1000	1000
Sample 001	N.D.	N.D.	N.D.	N.D.
Sample 002	N.D.	N.D.	N.D.	N.D.
Sample 003	N.D.	N.D.	N.D.	N.D.
Sample 004	N.D.	N.D.	N.D.	N.D.
Sample 005	N.D.	N.D.	N.D.	N.D.
Sample 007	N.D.	N.D.	N.D.	N.D.
Sample 008	N.D.	N.D.	N.D.	N.D.
Sample 011	N.D.	N.D.	N.D.	N.D.
Sample 012	N.D.	N.D.	N.D.	N.D.
Sample 013	N.D.	N.D.	N.D.	N.D.
Sample 014	N.D.	N.D.	N.D.	N.D.
Sample 015	N.D.	N.D.	N.D.	N.D.
Sample 016	N.D.	N.D.	N.D.	N.D.
Sample 017	N.D.	N.D.	N.D.	N.D.
Sample 019	N.D.	N.D.	N.D.	N.D.
Sample 020	N.D.	N.D.	N.D.	N.D.
Sample 021	N.D.	N.D.	N.D.	N.D.
Sample 023	N.D.	N.D.	N.D.	N.D.
Sample 026	N.D.	N.D.	N.D.	N.D.
Sample 027	N.D.	N.D.	N.D.	N.D.
Sample 029	N.D.	N.D.	N.D.	N.D.
Sample 030	N.D.	N.D.	N.D.	N.D.
Sample 031	N.D.	N.D.	N.D.	N.D.
Sample 032	N.D.	N.D.	N.D.	N.D.
Sample 033	N.D.	N.D.	N.D.	N.D.
Sample 034	N.D.	N.D.	N.D.	N.D.
Sample 035	N.D.	N.D.	N.D.	N.D.
Sample 037	N.D.	N.D.	N.D.	N.D.
Sample 038	N.D.	N.D.	N.D.	N.D.





No. C220908032001-1 Date: Sep 17, 2022 Page 30 of 34

Element	Di-(2-ethylhexyl) phthalate (DEHP) [mg/kg]	Benzylbutyl phthalate (BBP) [mg/kg]	Dibutyl phthalate (DBP) [mg/kg]	Diisobutyl phthalate(DIBP) [mg/kg]
Detection Limit	50	50	50	50
Limit	1000	1000	1000	1000
Sample 039	N.D.	N.D.	N.D.	N.D.
Sample 040	N.D.	N.D.	N.D.	N.D.
Sample 043	N.D.	N.D.	N.D.	N.D.
Sample 045	N.D.	N.D.	N.D.	N.D.
Sample 046	N.D.	N.D.	N.D.	N.D.
Sample 047	N.D.	N.D.	N.D.	N.D.
Sample 048	N.D.	N.D.	N.D.	N.D.
Sample 049	N.D.	N.D.	N.D.	N.D.
Sample 050	N.D.	N.D.	N.D.	N.D.
Sample 051	N.D.	N.D.	N.D.	N.D.
Sample 052	N.D.	N.D.	N.D.	N.D.
Sample 053	N.D.	N.D.	N.D.	N.D.
Sample 055	N.D.	N.D.	N.D.	N.D.
Sample 057	N.D.	N.D.	N.D.	N.D.
Sample 058	N.D.	N.D.	N.D.	N.D.
Sample 059	N.D.	N.D.	N.D.	N.D.
Sample 060	N.D.	N.D.	N.D.	N.D.
Sample 061	N.D.	N.D.	N.D.	N.D.
Sample 062	N.D.	N.D.	N.D.	N.D.
Sample 063	N.D.	N.D.	N.D.	N.D.
Sample 064	N.D.	N.D.	N.D.	N.D.
Sample 065	N.D.	N.D.	N.D.	N.D.
Sample 066	N.D.	N.D.	N.D.	N.D.
Sample 069	N.D.	N.D.	N.D.	N.D.
Sample 072	N.D.	N.D.	N.D.	N.D.
Sample 075	N.D.	N.D.	N.D.	N.D.
Sample 076	N.D.	N.D.	N.D.	N.D.
Sample 077	N.D.	N.D.	N.D.	N.D.
Sample 078	N.D.	N.D.	N.D.	N.D.
Sample 079	N.D.	N.D.	N.D.	N.D.
Sample 082	N.D.	N.D.	N.D.	N.D.
Sample 083	N.D.	N.D.	N.D.	N.D.
Sample 084	N.D.	N.D.	N.D.	N.D.





No. C220908032001-1 Date: Sep 17, 2022 Page 31 of 34

Element	Di-(2-ethylhexyl) phthalate (DEHP) [mg/kg]	Benzylbutyl phthalate (BBP) [mg/kg]	Dibutyl phthalate (DBP) [mg/kg]	Diisobutyl phthalate(DIBP) [mg/kg]
Detection Limit	50	50	50	50
Limit	1000	1000	1000	1000
Sample 085	N.D.	N.D.	N.D.	N.D.
Sample 087	N.D.	N.D.	N.D.	N.D.
Sample 089	N.D.	N.D.	N.D.	N.D.
Sample 090	N.D.	N.D.	N.D.	N.D.
Sample 091	N.D.	N.D.	N.D.	N.D.
Sample 093	N.D.	N.D.	N.D.	N.D.
Sample 095	N.D.	N.D.	N.D.	N.D.
Sample 097	N.D.	N.D.	N.D.	N.D.
Sample 098	N.D.	N.D.	N.D.	N.D.
Sample 101	N.D.	N.D.	N.D.	N.D.
Sample 102	N.D.	N.D.	N.D.	N.D.
Sample 104	N.D.	N.D.	N.D.	N.D.
Sample 106	N.D.	N.D.	N.D.	N.D.
Sample 107	N.D.	N.D.	N.D.	N.D.
Sample 109	N.D.	N.D.	N.D.	N.D.
Sample 111	N.D.	N.D.	N.D.	N.D.
Sample 114	N.D.	N.D.	N.D.	N.D.
Sample 115	N.D.	N.D.	N.D.	N.D.
Sample 116	N.D.	N.D.	N.D.	N.D.
Sample 117	N.D.	N.D.	N.D.	N.D.
Sample 118	N.D.	N.D.	N.D.	N.D.
Sample 119	N.D.	N.D.	N.D.	N.D.
Sample 126	N.D.	N.D.	N.D.	N.D.
Sample 127	N.D.	N.D.	N.D.	N.D.
Sample 128	N.D.	N.D.	N.D.	N.D.
Sample 130	N.D.	N.D.	N.D.	N.D.
Sample 132	N.D.	N.D.	N.D.	N.D.
Sample 137	N.D.	N.D.	N.D.	N.D.
Sample 138	N.D.	N.D.	N.D.	N.D.
Sample 140	N.D.	N.D.	N.D.	N.D.
Sample 142	N.D.	N.D.	N.D.	N.D.
Sample 144	N.D.	N.D.	N.D.	N.D.
Sample 146	N.D.	N.D.	N.D.	N.D.





No. C220908032001-1 Date: Sep 17, 2022 Page 32 of 34

Element	Di-(2-ethylhexyl) phthalate (DEHP) [mg/kg]	Benzylbutyl phthalate (BBP) [mg/kg]	Dibutyl phthalate (DBP) [mg/kg]	Diisobutyl phthalate(DIBP) [mg/kg]
Detection Limit	50	50	50	50
Limit	1000	1000	1000	1000
Sample 148	N.D.	N.D.	N.D.	N.D.
Sample 149	N.D.	N.D.	N.D.	N.D.
Sample 153	N.D.	N.D.	N.D.	N.D.
Sample 154	N.D.	N.D.	N.D.	N.D.
Sample 155	N.D.	N.D.	N.D.	N.D.
Sample 159	N.D.	N.D.	N.D.	N.D.
Sample 160	N.D.	N.D.	N.D.	N.D.
Sample 162	N.D.	N.D.	N.D.	N.D.
Sample 164	N.D.	N.D.	N.D.	N.D.
Sample 165	N.D.	N.D.	N.D.	N.D.
Sample 166	N.D.	N.D.	N.D.	N.D.
Sample 168	N.D.	N.D.	N.D.	N.D.
Sample 169	N.D.	N.D.	N.D.	N.D.
Sample 170	N.D.	N.D.	N.D.	N.D.
Sample 171	N.D.	N.D.	N.D.	N.D.
Sample 172	N.D.	N.D.	N.D.	N.D.
Sample 173	N.D.	N.D.	N.D.	N.D.
Sample 174	N.D.	N.D.	N.D.	N.D.
Sample 175	N.D.	N.D.	N.D.	N.D.
Sample 176	N.D.	N.D.	N.D.	N.D.
Sample 177	N.D.	N.D.	N.D.	N.D.
Sample 179	N.D.	N.D.	N.D.	N.D.
Sample 180	N.D.	N.D.	N.D.	N.D.
Sample 181	N.D.	N.D.	N.D.	N.D.
Sample 182	N.D.	N.D.	N.D.	N.D.
Sample 183	N.D.	N.D.	N.D.	N.D.
Sample 185	N.D.	N.D.	N.D.	N.D.
Sample 186	N.D.	N.D.	N.D.	N.D.
Sample 187	N.D.	N.D.	N.D.	N.D.
Sample 188	N.D.	N.D.	N.D.	N.D.
Sample 189	N.D.	N.D.	N.D.	N.D.
Sample 190	N.D.	N.D.	N.D.	N.D.
Sample 191	N.D.	N.D.	N.D.	N.D.





Di-(2-ethylhexyl) Benzylbutyl **Dibutyl phthalate** Diisobutyl Element phthalate (DEHP) phthalate (BBP) phthalate(DIBP) (DBP) [mg/kg] [mg/kg] [mg/kg] [mg/kg] **Detection Limit** 50 50 50 50 1000 Limit 1000 1000 1000 Sample 192 N.D. N.D. N.D. N.D. Sample 193 N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D. Sample 194 N.D. N.D. N.D. N.D. Sample 196 N.D. N.D. N.D. N.D. Sample 198

N.D.

No. C220908032001-1

Date: Sep 17, 2022

N.D.

Page 33 of 34

N.D.

Note:

1. All Concentrations express in "mg/kg" (milligram per kilogram), mg/kg ~ ppm.

N.D.

2. "N.D." = "Not Detected".

Sample 200

Remark: As specified by applicant, to test content in the selected materials of the submitted samples. The test results are only responsible for the submitted sample. The test report is only for customer research, teaching, internal quality control, product development and other purposes, for reference only.





No. C220908032001-1

Date: Sep 17, 2022 Page 34 of 34

Photo of the Submitted Sample





End of Report **

