

TEST REPORT

Applicant ZHEJIANG SHUAIBAO PLASTIC PRODUCTS CO.,LTD NO 47 LONGXIANG ROAD, YIDONG INDUSTRIAL ZONE, **Address** YIWU CITY(322000), ZHEJIANG PROVINCE, CHINA

Report on the submitted sample said to be:

Sample name Syringes for nasal wash

Model 10_ml

Trade Name Babyage/smilebear

Manufacture ZHEJIANG SHUAIBAO PLASTIC PRODUCTS CO.,LTD NO 47 LONGXIANG ROAD, YIDONG INDUSTRIAL ZONE, **Address** YIWU CITY(322000), ZHEJIANG PROVINCE, CHINA

Sample received date Sep. 28, 2022

Sep. 28, 2022 - Oct. 08, 2022 **Testing period**

Test Requested:	Conclusion
RoHS Directive 2011/65/EU and its subsequent amendments & Directive (EU)2015/863	Pass
Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs and PBDEs Content	12 162 108 112 162 117 162 108 117 162 108 117 162 108 117 162 163 175 162 175 162 175 162 175 162 175 175 175 175 175 175 175 175 175 175
—Di-(2-ethylhexyl) phthalate(DEHP), Benzylbutyl phthalate(BBP),	12 16 16 17 16 17 17 18 17 18 17 18 17 18 17 18 17 18 17 18 18 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Dibutyl phthalate (DBP), Diisobutyl phthalate(DIBP) Content	Sting 112 testing 112

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

Shenzhen ZTS Testing Service Co., Ltd.

Approved By:

By:

Tested

Lab Manager: Bert vang

(Qian He)

Date Oct. 08, 2022

Web: www.zts-test.com

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Test Part Description:

Specimen No.	Description
001	Syringes for nasal wash

TEST RESULT: 1.Lead. Cadmium. Mercury. Hexavalent Chromium. PBBs and PBDEs—RoHS Directive 2011/65/EU and its subsequent amendments & Directive (EU)2015/863.

Test Items	Unit	Test Method	Result	MDL	Limit
	15 24 148 512 16	sering 112 Learing 112 Learing 112 Learing	001		1.12 Lear lug 1.12
Lead (Pb)	mg/kg	IEC 62321-5:2013, ICP-OES	N.D.	2	1000
Mercury (Hg)	mg/kg	IEC 62321-4:2013+A1:2017*, ICP-OES	017*, N.D.		1000
Cadmium(Cd)	mg/kg	IEC 62321-5:2013, ICP-OES	N.D.	2	100
Hexavalent Chromium (CrVI)	μg/cm²	IEC 62321-7-1:2015, UV-VIS	N.D.	0.10	0.10
Monobromobiphenyl	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	17 Test 100
Dibromobiphenyl	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	10 10 1c
Tribromobiphenyl	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	100 115 115 115 115 115 115 115 115 115
Tetrabromobiphenyl	mg/kg	IEC 62321-6:2015, GC-MS N.D.		5	15 148 175
Pentabromobiphenyl	mg/kg	IEC 62321-6:2015, GC-MS	IEC 62321-6:2015, GC-MS N.D.		The rest in
Hexabromobiphenyl	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	WE LESSIN
Heptabromobiphenyl	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	110 175 TE
Octabromobiphenyl	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	162 14 142
Nonabromobiphenyl	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	12 Lear Line M
Decabromobiphenyl	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	17 - 10 5 1 10 10 10 10 10 10 10 10 10 10 10 10 1
Sum of PBBs	mg/kg	The Leading Mis Le	N.D		1000
Monobromodiphenyl ether	mg/kg	IEC 62321-6:2015, GC-MS	N.D. 5		52 W 1/2 L
Dibromodiphenyl ether	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	Les Time Nie
Tribromodiphenyl ether	mg/kg	IEC 62321-6:2015, GC-MS	IEC 62321-6:2015, GC-MS N.D. 5		12 (52, 108)
Tetrabromodiphenyl ether	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	The Testing
Pentabromodiphenyl ether	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	100 1/2 Les
Hexabromodiphenyl ether	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	25 112 175 V
Heptabromodiphenyl ether	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	Le Fine II
Octabromodiphenyl ether	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	The resting
Nonabromodiphenyl ether	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	UP 15 1524
Decabromodiphenyl ether	mg/kg	IEC 62321-6:2015, GC-MS	N.D.	5	erins 112 Les
Sum of PBDEs	mg/kg	112 Leading 1/2 Leading 1/2 Leading 1/2 Leading 1/2 (12 Leading 1/2)	N.D.	5 7 Jun 17.2	1000



Note:

- 1. mg/kg = milligram per kilogram = ppm
- 2. N.D. = Not Detected (< MDL)
- 3. MDL = Method Detection Limit
- 4. "-" = Not Regulated
- 5. Boiling-water-extraction:

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

Inconclusive =the detected concentration in boiling-water-extraction solution is greater than 0.10µg and less than 0.13µg with 1cm² sample surface area.

- 6. Positive = result be regarded as not comply with RoHS requirement
- 7. Negative = result be regarded as comply with RoHS requiremen

2. <u>Di-(2-ethylhexyl) phthalate(DEHP)</u>. <u>Benzylbutyl phthalate(BBP)</u>. <u>Dibutyl phthalate (DBP)</u>. <u>Diisobutyl phthalate (DIBP) Content—RoHS Directive 2011/65/EU and its subsequent amendments & Directive (EU) 2015/863</u>

Test method: With reference to IEC 62321-8:2017*, analysis was performed by GC-MS.

Test Items	Unit	Result	MDL	Limit
The Learling his Learling his Learling his Learling	The learning Siz lear	001	R TIE LESTING TIE LES	Line Liz Lesting Liz
Di-(2-ethylhexyl) phthalate (DEHP)	mg/kg	N.D.	50	1000
Benzylbutyl phthalate (BBP)	mg/kg	N.D.	50	1000
Dibutyl phthalate (DBP)	mg/kg	15 Test in N.D. 15	50	1000
Diisobutyl phthalate(DIBP)	mg/kg	N.D.	50	1000

Note:

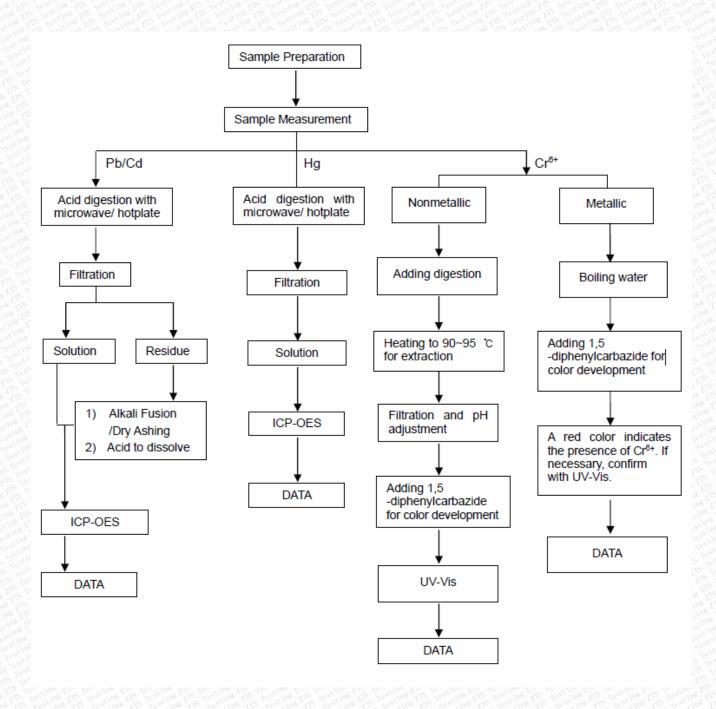
- 1. mg/kg = milligram per kilogram = ppm
- 2. N.D. = Not Detected (<MDL)
- 3. MDL = Method detection limit



FLOW CHART FOR ROHS TESTING:

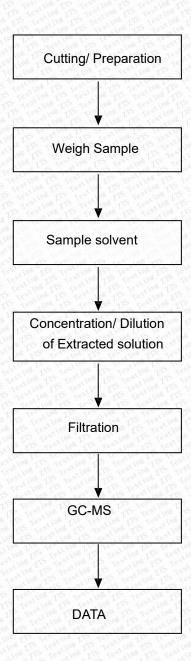
Pb/Cd/Hg/Cr6+ Testing Flow Chart

1) These samples were dissolved totally by pre-conditioning method according to below flow chart (Cr⁶⁺ test method excluded)



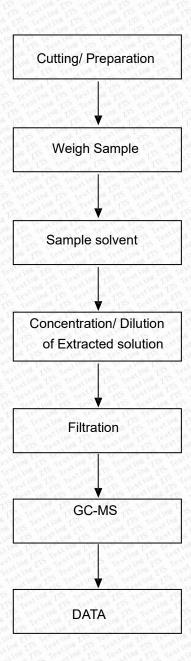


PBBs/PBDEs Testing Flow Chart





Phthalates Testing Flow Chart





PHOTOGRAPH OF SAMPLE



Photo 1

****END OF REPORT****