

Test Report No.: SZXEC23000164702 Date: Mar 03, 2023 II

Client Name: SHENZHEN WORLD INDUSTRIAL CO., LTD.

Client Address: ROOM 602, MAOYE CALLIGRAPHY AND PAINTING EXCHANGE SQUARE, NO.245 BUSHA ROAD, LONGGANG DISTRICT, SHENZHEN

Sample Name: MSB

Signed for and on behalf of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Fay Yuan Approved Signatory







Test Report

No.: SZXEC23000164702

Date: Mar 03, 2023

Test Result(s):

Test Part Description:

SN ID Sample No.		SGS Sample ID	Description		
SN1	A3	SZX23-0001647-0001.C003	"MSB"		

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU- Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs), Dibutyl phthalate (DBP), Butyl benzyl phthalate (BBP), Bis(2-ethylhexyl) phthalate (DEHP), and Diisobutyl phthalate (DIBP)

Test Method: With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017, IEC 62321-6:2015 and IEC 62321-8:2017, analysis was performed by ICP-OES, UV-Vis and GC-MS.

Test Item(s)	Limit	Unit(s)	MDL	A3
Cadmium(Cd)	100	mg/kg	2	ND
Lead (Pb)	1000	mg/kg	2	31755
Mercury (Hg)	1000	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	1000	mg/kg	8	ND
Polybromobiphenyl (PBBs)	1000	mg/kg	-	ND
Monobromobiphenyl (MonoBB)	-	mg/kg	5	ND



Test Report		No.:	No.: SZXEC23000164702			Date: Mar 03, 2023			Page 3 of 8	
	Test Item(s)				Limit	Unit(s)	MDL	A3	ł	
	Bis-(2-ethylhexyl) Phthalate(DEHP)			1000	mg/kg	50	ND	l		
	Diisobutyl Phthalate(DIBP)				1000	mg/kg	50	ND		

Notes:

(1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.

(2) IEC 62321 series is equivalent to EN 62321 series.

(3) The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.

Remark : According to the declaration from the client, Lead (Pb) in No.A3 is exempted by EU RoHS directive 2011/65/EU based on |ANNEX III 7(a)|: Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead).

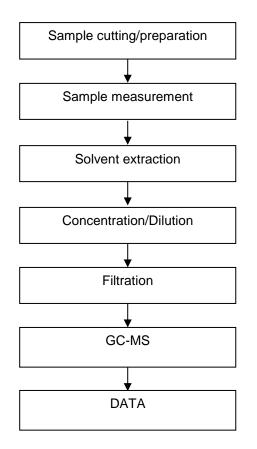
Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (*w*=0) stated in ILAC-G8:09/2019.



No.: SZXEC23000164702

Date: Mar 03, 2023

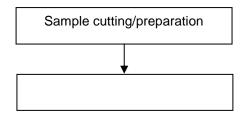
Phthalates Testing Flow Chart





No.: SZXEC23000164702

PBBs/PBDEs Testing Flow Chart





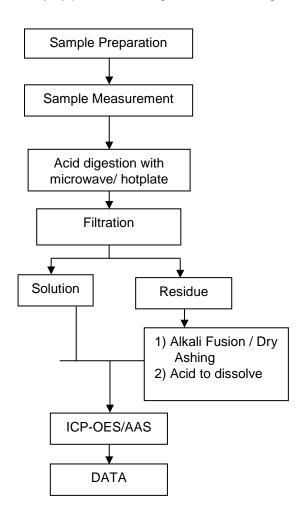
No.: SZXEC23000164702

Date: Mar 03, 2023

Page 6 of 8

Elements (IEC62321) Testing Flow Chart

These samples were dissolved totally by pre-conditioning method according to below flow chart.



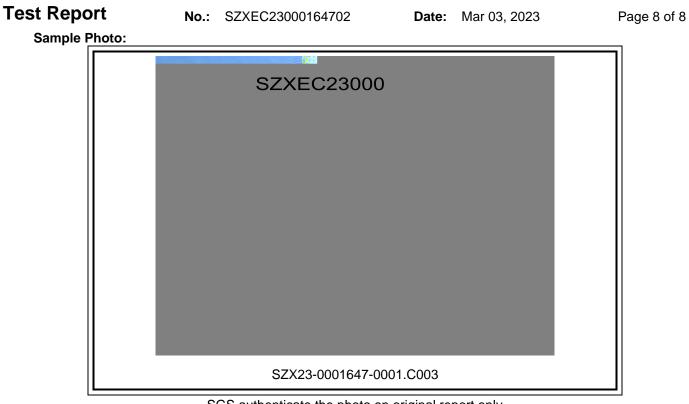


No.: SZXEC23000164702

Date: Mar 03, 2023

Page 7 of 8





SGS authenticate the photo on original report only *** End of Report ***