

Test Report	No.:	SZXEC23000164703	Date:	Mar 03, 20	23 Page 1 of 8		
Client Name:	SHENZHEN V	VORLD INDUSTRIAL CO	).,LTD.				
Client Address:		IAOYE CALLIGRAPHY A ), LONGGANG DISTRIC		EXCHANGE	SQUARE, NO.245		
Sample Name:	G	SPP WAFER					
The above sam	nple(s) and infor	mation were provided by	the client.				
	_						
SGS Job No.:	F	RP23-003818					
Sample Receiv	ing Date: F	Feb 28, 2023					
Testing Period:	F	eb 28, 2023 - Mar 03, 20	23				
Test Requested	d: S	Select test(s) as requested by the client.					
Test Method(s)	: F	Please refer to next page	s).				
Test Result(s):	F	Please refer to next page(	s).				
Test Require					Conclusion		
		5/863 amending Annex II Cadmium, Hexavalent ch		ominated			

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

biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs), Dibutyl phthalate (DBP), Butyl benzyl phthalate (BBP), Bis(2-ethylhexyl) phthalate (DEHP), and

Diisobutyl phthalate (DIBP)

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Fay Yuan Approved Signatory



## **Test Report**

#### No.: SZXEC23000164703

Date: Mar 03, 2023

#### Test Result(s):

**Test Part Description** 

SN ID	Sample No.	SGS Sample ID	Description
SN1	A4	SZX23-0001647-0001.C004	"GPP WAFER"

Remarks:

(1) 1 mg/kg = 1 ppm = 0.0001%

(2) MDL = Method Detection Limit

(3) ND = Not Detected (< MDL)

(4) "-" = Not Regulated

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



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	Test Item(s)			Limit	Unit(s)	MDL	A4	
	Bis-(2-ethylhexyl) Phthalate(DEHP)		1000	mg/kg	50	ND		
	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.A4 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.

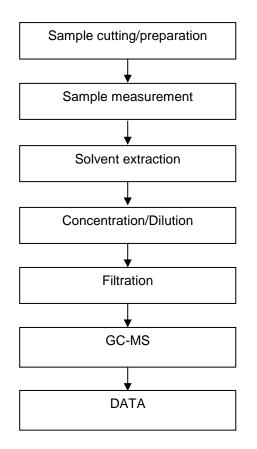


# Test Report ATTACHMENTS

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### Phthalates Testing Flow Chart

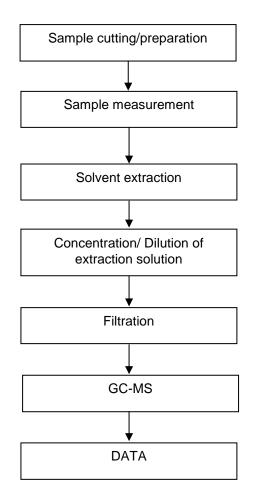




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#### **No.:** SZXEC23000164703

### **PBBs/PBDEs Testing Flow Chart**





## Test Report ATTACHMENTS

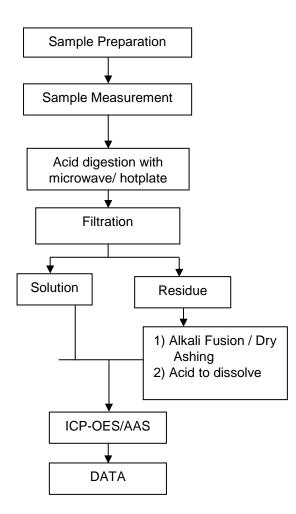
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## Elements (IEC62321) Testing Flow Chart

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



**Test Report** 



