

**Test Report** No: 10300974(1) R1 Date: 29-Apr-13 Page 1 of 5

JSB Tech Pte Ltd

20 Science Park Road Teletech Park #02-03A Singapore Science Park 2 Singapore 117674

#### THIS REPORT IS TO SUPERSEDE TEST REPORT NO.: 10300974(1) DATED 22-Apr-13

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

Sample Description : Digipas DWL Digital Level Series (Vials)

Sample Receiving Date : 15-Apr-13

Testing Period : 15-Apr-13 to 22-Apr-13

Test Requested : In accordance with the RoHS Directive 2011/65/EU Annex II.

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

Conclusion : Based on the performed tests on submitted sample(s), the results **comply** 

with the RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC.

Signed for and on behalf of SGS Testing & Control Services Singapore Pte Ltd

Y.C. Tham

Laboratory Manager

Test Location: 3 Toh Tuck Link, #01-02, Singapore 596228

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**Test Report** No: 10300974(1) R1 Date: 29-Apr-13 Page 2 of 5

#### Test Result(s):

Sample Description : Digipas DWL Digital Level Series (Vials)

Test Item(s):	Unit	Method	Results	MDL	RoHS Limit
Cadmium(Cd)	mg/kg	With reference to IEC62321, Ed1:2008. Analysis was performed by ICP/AES	n.d.	2	100
Lead (Pb)	mg/kg	With reference to IEC62321, Ed1:2008. Analysis was performed by ICP/AES	n.d.	2	1000
Mercury (Hg)	mg/kg	With reference to IEC62321, Ed1:2008. Analysis was performed by ICP/AES	n.d.	2	1000
Hexavalent Chromium (CrVI)	mg/kg	With reference to IEC62321, Ed1:2008. Analysis was performed by UV/Vis Spectrometry	n.d.	2	1000
Sum of PBBs	mg/kg	With reference to IEC62321, Ed1:2008. Analysis was performed by GC/MS	n.d.	-	1000
Monobromobiphenyl	mg/kg		n.d.	5	-
Dibromobiphenyl	mg/kg		n.d.	5	-
Tribromobiphenyl	mg/kg		n.d.	5	-
Tetrabromobiphenyl	mg/kg		n.d.	5	-
Hexabromobiphenyl	mg/kg		n.d.	5	-
Pentabromobiphenyl	mg/kg		n.d.	5	-
Heptabromobiphenyl	mg/kg		n.d.	5	-
Octabromobiphenyl	mg/kg		n.d.	5	-
Nonabromobiphenyl	mg/kg		n.d.	5	-
Decabromobiphenyl	mg/kg		n.d.	5	-
Sum of PBDEs	mg/kg		n.d.	-	1000
Monobromodiphenyl ether	mg/kg		n.d.	5	-
Dibromodiphenyl ether	mg/kg		n.d.	5	-
Tribromodiphenyl ether	mg/kg		n.d.	5	-
Tetrabromodiphenyl ether	mg/kg		n.d.	5	-
Pentabromodiphenyl ether	mg/kg		n.d.	5	-
Hexabromodiphenyl ether	mg/kg		n.d.	5	-
Heptabromodiphenyl ether	mg/kg		n.d.	5	-
Octabromodiphenyl ether	mg/kg		n.d.	5	-
Nonabromodiphenyl ether	mg/kg		n.d.	5	-
Decabromodiphenyl ether	mg/kg		n.d.	5	-

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Test Location: 3 Toh Tuck Link, #01-02, Singapore 596228



**Test Report** No: 10300974(1) R1 Date: 29-Apr-13 Page 3 of 5

Note: (1) mg/kg = ppm ; 0.1 wt% = 1000 ppm

(2) n.d.= Not Detected

(3) MDL = Method Detection Limit

(4) "-" = Not regulated(5) \* : Exceeds limit

(6) The sample(s) was/were analyzed on behalf of the applicant on the vial only

excluding the liquid.

Remarks: Sample received was totally dissolved by preconditioning method. Lab Analyst(s): Jojo and Siew Pheng

Sample photo:

Sample Description : Digipas DWL Digital Level Series (Vials)

SGS authenticate the photo on original report only



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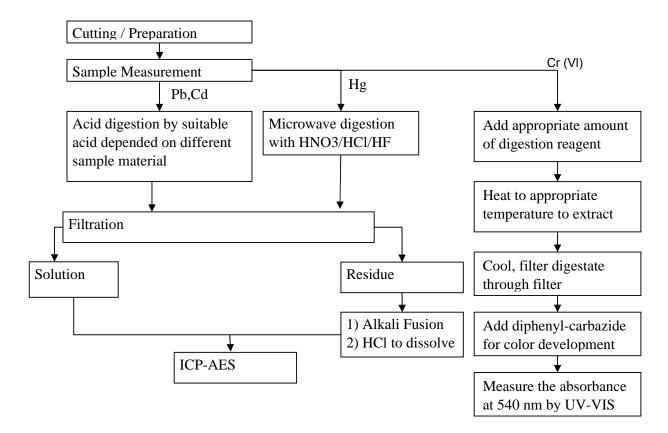
**Test Report** 

No: 10300974(1) R1

Date: 29-Apr-13

## Page 4 of 5

# Process Flow of IEC 62321 (Pb, Cd, Hg & Cr<sup>6+</sup>)



Remarks: Sample received was totally dissolved by preconditioning method. (CrVI method excluded)

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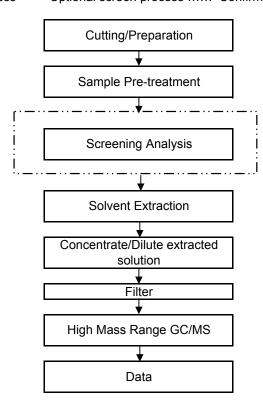
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**Test Report** No: 10300974(1) R1 Date: 29-Apr-13 Page 5 of 5

## Process Flow of PBBs and PBDEs by GC/MS (IEC 62321)

First Testing Process → Optional screen process ..... Confirmation process ....



\*\*\*End of Report\*\*\*

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