

Test Report

No: 10300974(3) R1 Date: 29-Apr-13

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(3) DATED 24-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 (Aluminium Base)
Sample Receiving Date	:	12-Apr-13
Testing Period	:	17-Apr-13 to 24-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 Result(s):

Sample Description : Digipas DWL Digital Level Series (Aluminium Base)

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) (By spot test / boiling water extraction)		With reference to IEC62321, Ed1:2008 and performed by Spot test / boiling water extraction method. (see Note 9)	Negative	0.02 mg/kg with 50 cm ² surface area	#

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

(2) n.d.= Not Detected

- (3) MDL = Method Detection Limit
- (4) ## = The exemption of DecaBDE in polymeric application according 2005/717/EC was overruled by the European Court of Justice by its decision of 01.04.2008. Subsequently DecaBDE will be included in the sum of PBDE after 01.07.2008.
- (5) "-" = Not regulated
- (6) "---": No unit (Qualitative Test)
- (7) * : Exceeds limit
- (8) # : Positive means the presence of CrVI on the tested areas.

Negative means the absence of CrVI on the tested areas.

(9) Spot-test:

Negative = Absence of Cr(VI) coating / surface layer

Positive = Presence of Cr(VI) coating / surface layer

The tested sample should be further verified by boiling-water-extraction method if the spot test result cannot be confirmed.

Boiling-water extraction:

Negative = Absence of Cr(VI) coating / surface layer

Positive = Presence of Cr(VI) coating / surface layer

the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm² sample surface area.

Lab Analyst(s): Jojo

Remarks: Sample received was totally dissolved by preconditioning methods.

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

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Sample photo:

Sample Description

Digipas DWL Digital Level Series (Aluminium Base)

SGS authenticate the photo on original report only



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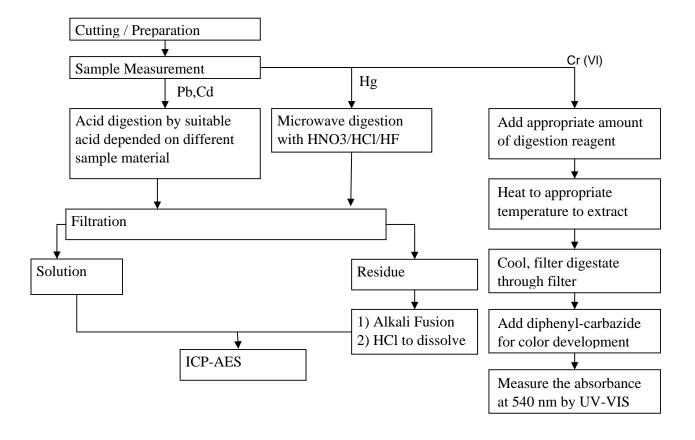
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Process Flow of IEC 62321 (Pb, Cd, Hg & Cr6+)



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

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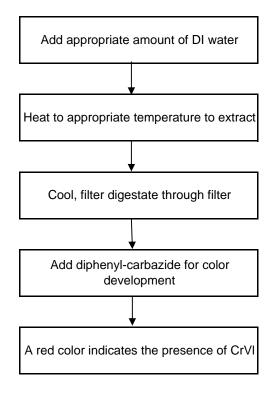
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Process Flow of Cr(VI) by Boiling Water Extraction (IEC62321)



End of Report

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