

JSB Tech Pte Ltd  
20 Science Park Road Teletch Park #02-03A Singapore Science Park 2 Singapore 117674

**THIS REPORT IS TO SUPERSEDE TEST REPORT NO.: 10300974(4) 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 (Magnet)

Sample Receiving Date : 12-Apr-13  
Testing Period : 17-Apr-13 to 24-Apr-13

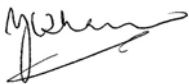
Test Requested : In accordance with the RoHS Directive 2011/65/EU Annex II.

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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



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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 (Magnet)

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 <sup>2</sup> 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 cm<sup>2</sup> sample surface area.

Lab Analyst(s): Jojo

Remarks: Sample received was totally dissolved by preconditioning methods.

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**Sample photo:**

Sample Description : Digipas DWL Digital Level Series (Magnet)

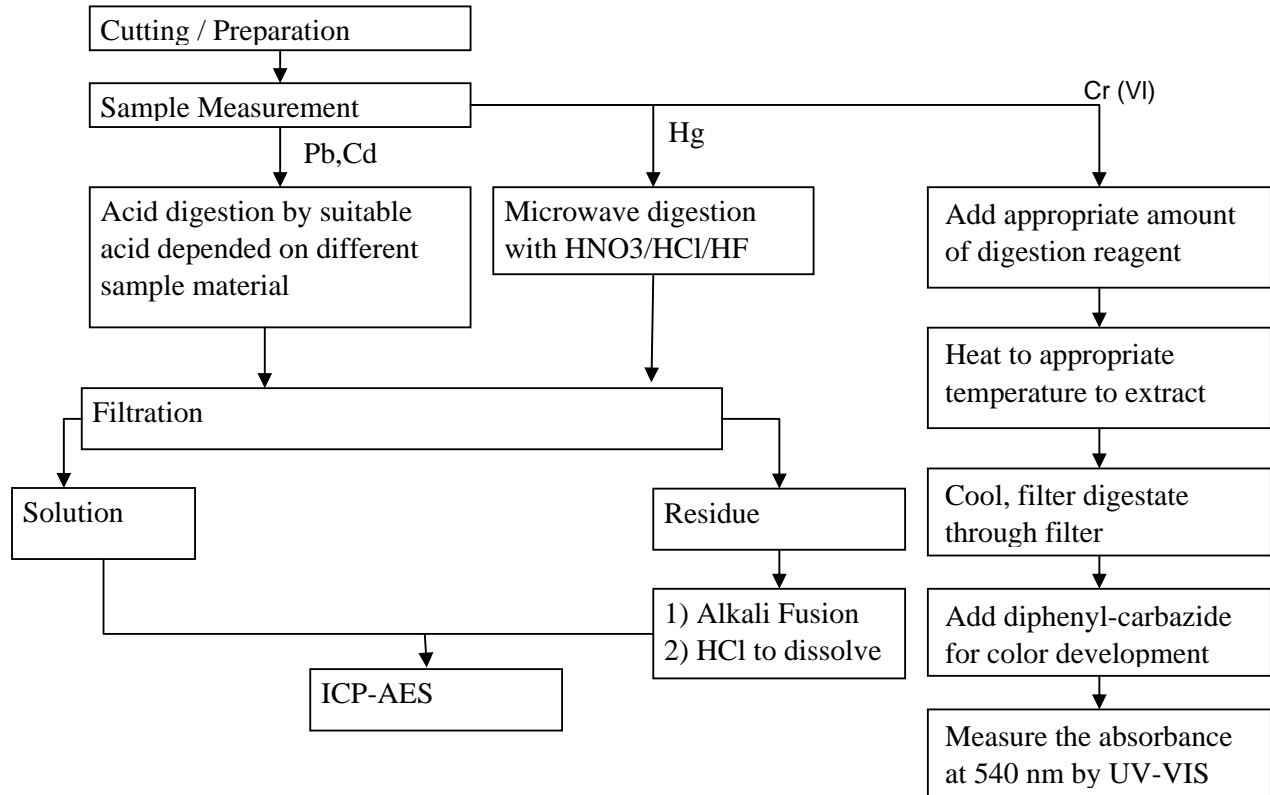
SGS authenticate the photo on original report only



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

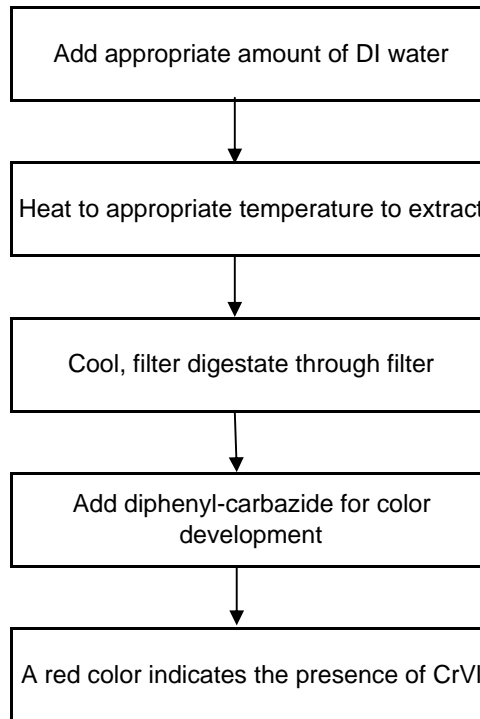


Remarks: Sample received was totally dissolved by preconditioning method. (CrVI method excluded)

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



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

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