

**HUMIABSORBENT DESICCANT CONTAINER
SPRINGHILL GARDEN GREENFIELD GFC 23 MALANG-EAST JAVA**

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

Sample Description : Dry Sac 1000
Manufacturer / Vendor : HUMIABSORBENT DESICCANT CONTAINER
Country of Origin : Indonesia
Job No. : 80983
Data Received : 02-November-2015
Testing Period : 02-November-2015 to 11-November-2015

Test Requested : As specified by client, with reference to RoHS Directive 2011/65/EU Annex II to determine Cadmium, Lead, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDE) content in the submitted sample.
Test Method(s) : Please refer to next page(s)
Test Result(s) : Please refer to next page(s)
Conclusion : Based on the performed test on selected part of submitted samples, the result of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDE) comply with the limits as set by RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC.

Signed for and on behalf of**P.T. SGS Indonesia****Toto Waluyadi****Asst. Manager Chemical**

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TEST RESULTS

RoHS Directive 2011/65/EU Annex II

Test Item(s)	Unit	Method	Result	MDL	Limit
Cadmium (Cd)	mg/kg	With reference to IEC 62321-5:2013 and performed by ICP-OES	n.d	2	100
Lead (Pb)	mg/kg	With reference to IEC 62321-5:2013 and performed by ICP-OES	n.d	2	1000
Mercury (Hg)	mg/kg	With reference to IEC 62321-4:2013 and performed by ICP-OES	n.d	2	1000
Hexavalent Chromium Cr(VI)	mg/kg	With reference to IEC 62321:2008 and performed by UV-VIS Spectrophotometer	n.d	2	1000
Sum of PBBs	mg/kg	With reference to IEC 62321:2008 and performed by GC-MS	n.d	-	1000
Monobromodiphenyl	mg/kg		n.d	5	-
Dibromobiphenyl	mg/kg		n.d	5	-
Tribromobiphenyl	mg/kg		n.d	5	-
Tetrabromobiphenyl	mg/kg		n.d	5	-
Pentabromobiphenyl	mg/kg		n.d	5	-
Hexabromobiphenyl	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 Report

No.: IDHG80983

Date : 11-November-2015

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

2. n.d. = Not Detected

3. MDL= Method Detection Limit

4. “-“ = Not Regulated

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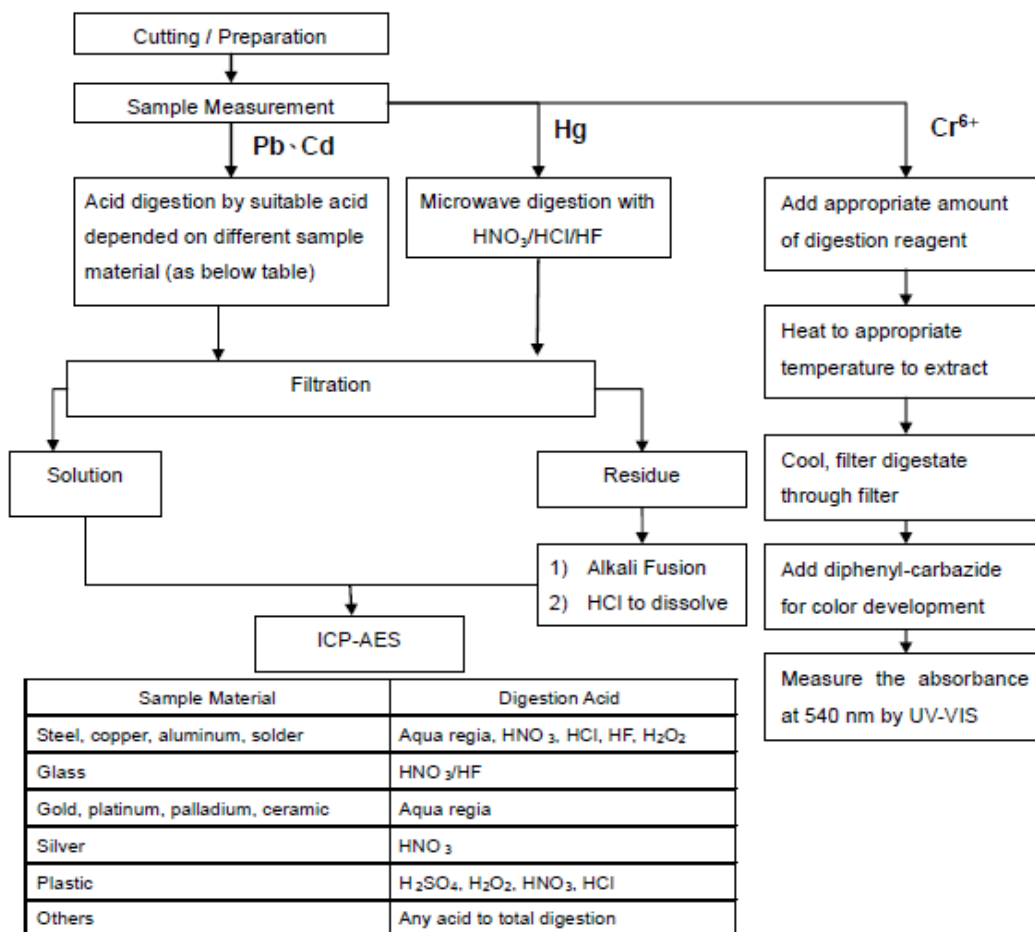
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- 1) These sample were dissolved totally by pre-conditioning method according to below flow chart. (Cr⁶⁺ test method excluded)
- 2) Name of the person who made measurement : M.Y. Suryanata K
- 3) Name of the person in charge of measurement : Ade Apriliani



Note :** (1) For non-metallic material, add alkaline digestion reagent and heat to 90~95 °C.
(2) For metallic material, add pure water and heat to boiling.

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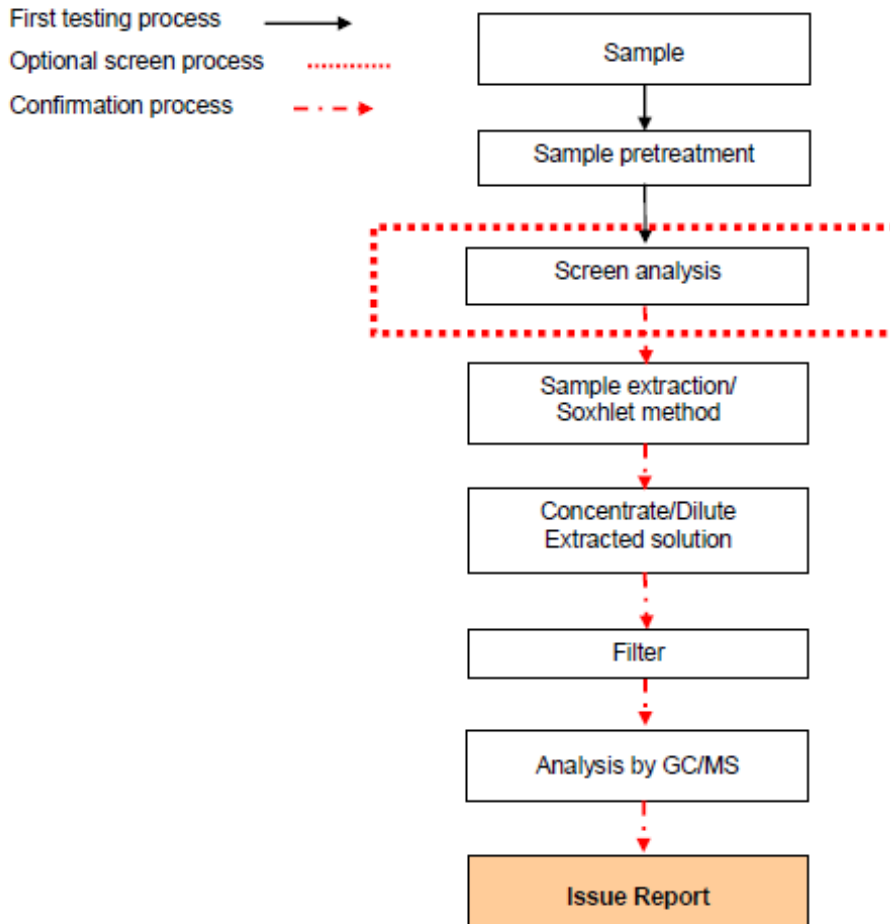
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PBB/PBDE analytical FLOW CHART

- 1) Name of the person who made measurement : M.Y. Suryanata K
- 2) Name of the person in charge of measurement : Ade Apriliani



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Sample Picture



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

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