

Technical Report: (6714)105-0111

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May 02, 2014

Original Sample



C/N: (6714)105-0111 SS/MK

Bureau Veritas Consumer Products Services (India)
Pvt. Ltd.,
C-19, Sec - 7 Noida (U.P.) 201301 PH:
4768149/165/177

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TEST REPORT

ABS IMPEX
2-1-48/A, POORNA MANSION, SRINAGAR
KAKINADA-533003, ANDHRAPRADESH

LAB NUMBER: (6714)105-0111
DATE IN: April 15, 2014
MOD. LOG IN: /
DATE OUT: May 02, 2014
REVISED DATE: /
WORKING DAYS: 13
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ATTN: MR, ANIL

OVERALL RATING	
PASS	_____
FAIL	_____
DATA	X

Sample Description:	WHITE POWDER (DESICCANT) <i>(Sample Received In Good Condition)</i>		
Manufacturer:	ABS IMPEX	P.O. No.:	/
Dept. No./Buyer Name:	/	Style No. /SKU No.:	/
Color:	/	Country of Destination:	/
Country of Origin:	INDIA	Fibre Content:	/
Size:	/	End Use:	/
Agent/Contact Person	/	Charge Vendor:	Yes: X No: /
Previous Report No.:	/		

SUMMARY OF TEST RESULTS

TEST REQUIRED	Conclusion	REMARKS
Heavy Metals and Flame Retardants Content – European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)	PASS	
DIMETHYLFUMARATE (DMF)	DATA	See Result & Note 2

- NOTE: 1. The test has been conducted as per vendor's request.
2. As no desirable is provided by vendor, Pass/Fail status can't be given.
3. Confirmation received on dated 17th April 2014.

BUREAU VERITAS CONSUMER PRODUCTS SERVICES (INDIA) PVT. LTD.

SIGNATORIES

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TEST RESULT**Heavy Metals and Flame Retardants Content - European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)****Test Method** : With reference to EN 62321: 2009, Annex A

Test Item(s)	Item / Component Description(s)
A	WHITE POWDER

See Analytes (Parameter) and their corresponding Maximum Allowable Limit (Req.) in Result Table	Type I	Metallic material
	Type II	Glass or ceramic material
	Type III	Other non-metallic material except Type II

-	Unit	Req.	Result
Test Item(s)	-	-	A
Type	-	III	III
Parameter	-	-	-
Lead (Pb)	mg/kg	1000	N.D
Cadmium (Cd)	mg/kg	100	N.D
Mercury (Hg)	mg/kg	1000	N.D
Chromium VI (Cr VI)	mg/kg	1000	N.D
PBBs	mg/kg	1000	N.D
MonoBB	mg/kg	-	N.D
DiBB	mg/kg	-	N.D
TriBB	mg/kg	-	N.D
TetraBB	mg/kg	-	N.D
PentaBB	mg/kg	-	N.D
HexaBB	mg/kg	-	N.D
HeptaBB	mg/kg	-	N.D
OctaBB	mg/kg	-	N.D
NonaBB	mg/kg	-	N.D
DecaBB	mg/kg	-	N.D
PBDEs	mg/kg	1000	N.D
MonoBDE	mg/kg	-	N.D
DiBDE	mg/kg	-	N.D
TriBDE	mg/kg	-	N.D
TetraBDE	mg/kg	-	N.D
PentaBDE	mg/kg	-	N.D
HexaBDE	mg/kg	-	N.D
HeptaBDE	mg/kg	-	N.D
OctaBDE	mg/kg	-	N.D
NonaBDE	mg/kg	-	N.D
DecaBDE	mg/kg	-	N.D
Conclusion	-	-	PASS

Note / Key :

ND = Not detected

“>” = Greater than

Req. = Requirement

NR = Not requested

mg/kg = milligram(s) per kilogram = ppm = part(s) per million

% = percent

10 000 mg/kg = 1 %

Detection Limit (mg/kg) :

For Type I - Each (Pb, Cd & Hg) : 2.0

For Type II - Each (Pb, Cd, Hg & Cr VI) : 2.0

For Type III - Metal, Polymers & Electronics - Each (Pb, Cd, Hg & Cr VI) : 2.0; Each (PBBs & PBDEs) : 50;

Others - Each (Pb, Cd & Hg) : 2.0; Cr VI : 3.0; Each (PBBs & PBDEs) : 50

Remark :

- The list of analytes is summarized in table of Appendix.
- The test flowchart of heavy metals and flame retardants content is listed in table of Appendix.
- Result(s) of Cr VI for metallic material(s) was (were) expressed in term of positive and negative. Negative means the absence of Cr VI on the tested areas and the result(s) was (were) regarded as in compliance with European Parliament and Council Directive 2011/65/EU, Article 4(1). While, positive means the presence of Cr VI on tested areas and the result(s) was (were) regarded as in conflict with European Parliament and Council Directive 2011/65/EU, Article 4(1).

DIMETHYLFUMARATE (DMF)**Test Method** : Organic solvent extraction and analysis by Gas Chromatograph Mass Spectrometer (GC-MS).**Tested Item(s)** : **A** WHITE POWDER

Tested Item(s)	Result	Unit	Conclusion	Limit (mg/kg)
A	N.D	N.D	DATA	See Note 2

Note:

ND = Not detected

“>” = More than

ppm = parts per million = mg/kg

mg/kg = milligram per kilogram

Detection Limit (ppm): 0.01

END