



**BUREAU
VERITAS**

TEST REPORT

Technical Report: (6718)240-0478

September 01, 2018

Date Received: August 29, 2018

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ABS IMPEX

ATTN: MR. SRINIVAS CHOWDARY.P

D.NO.2-1-48 / A, 2ND FLOOR, POORNA MANSION PATHAPURAM ROAD,
KAKINADA-53303, A.P

Sample Description: OXYGEN ABSORBER
(Sample received in good condition)

Color:	/	Batch No.:	/
Order No.:	/	Fiber Content :	/
Item Code:	/	Dpt.:	/
Age Grade:	/	Product End Use:	/
Manufacturer:	/	Retest No.:	/
Vendor:	ABS IMPEX	Reference:	/
Pretesting for (Client Name):	/	Country of Origin:	/
Test Period:	August 29, 2018 to September 01, 2018	Country of Destination:	/

SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
Heavy Metals Content – European Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment	PASS	

NOTE: We have Performed only ROHS-4 test as per vendor request.

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

SIGNATORIES

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C/N: (6718)240-0478 RS/CP

“Pls. refer the website www.nabl-india.org to view our Scope of accredited Test”

Bureau Veritas Consumer Products Services (India)
Pvt. Ltd.,
C-19, Sec – 7 Noida (U.P.) 201301 PH: 4368283/205

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PHOTO OF THE SUBMITTED SAMPLE





TEST RESULT

Heavy Metals 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	OXYGEN ABSORBER

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	15.60
Cadmium (Cd)	mg/kg	100	ND
Mercury (Hg)	mg/kg	1000	ND
Chromium VI (Cr VI)	-	1000	ND
Conclusion	-	-	PASS

Note / Key :

- ND = Not detected
- NR = Not requested
- % = percent
- 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;
- Others - Each (Pb, Cd & Hg) : 2.0; Cr VI : 3.0;
- “>” = Greater than
- Req. = Requirement
- mg/kg = milligram(s) per kilogram = ppm = part(s) per million
- 10000 mg/kg = 1 %

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.

APPENDIX

List of Analytes and their Corresponding Test Methods [European Council Directive 2011/65/EU] :		
No.	Name of Analytes	Test Method(s)
1	Lead (Pb)	With reference to EN 62321: 2009, Clauses 8, 9 and 10.
2	Cadmium (Cd)	
3	Mercury (Hg)	
4	Chromium VI (Cr VI)	<u>Metal</u> : With reference to EN 62321: 2009, Annex B ^[a] . <u>Polymers & Electronics</u> : With reference to EN 62321: 2009, Annex C.

END