

# RoHS TEST REPORT

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## ATMY ANALYTICAL LABS PVT.LTD.

I-30, DLF Industrial Area, Phase-1, Faridabad (Haryana) INDIA  
Phone: +91-129-4019544  
info@atmylabs.com, www.atmylabs.com

- Testing
- Research
- Innovation

### TEST REPORT

Report No.: 2211140055

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Date: 16-11-2022

Issued To:

M/s NCL VEKA PVT. LIMITED  
1ST FLOOR, FAIRFIELD BY MARRIOTT, FINACIAL DISTRICT,  
HYDARABAD - 500032

Sample Description : VEKA UPVC PROFILE  
Sample Received Date : 14-11-2022  
Sample Drawn By : Client  
Specification : --  
Test Requested : RoHS 2.0 (Pb,Cd,Hg,Cr6,PBB,PBDE,Phthalates)  
Test Method : Refer to Attached Pages.  
Test Result : Refer to Attached Pages.

Authentication: To Check authenticity of Test report (6), Scan QR code to get original data.

#### SAMPLE PICTURE



#### BIS, DGQA & Various Govt. Approved Laboratory

Terms & Conditions: ISO 9001 : 2015, ISO 14001:2015 & OHSAS 18001:2007 Certified Laboratory

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IMSFS.10.01



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#### I. Chemical

1.

RoHS 2.0 (Pb,Cd,Hg,Cr6,PBB,PBDE,Phthalates) Test Performed on : 14-11-2022 to 16-11-2022

TEST PARAMETER	TEST METHOD	MDL (mg/kg)	RESULTS (mg/kg)	LIMIT (mg/kg)
Lead (as Pb) (CAS No. 7439-92-1)	IEC 62321-5:2013,	1.0	6.0	Max 1000.0
Cadmium (as Cd) (CAS No. 7440-43-09)	IEC 62321-5:2013,	1.0	ND	Max 100.0
Mercury (as Hg) (CAS No. 7439-97-6)	IEC 62321-4:2013	2.0	ND	Max 1000.0
Hexa Chromium (as Cr+6) (CAS No. 10588-01-9)	IEC 62321-7-2:2017	1.0	ND	Max 1000.0
Sum of PBBs (Mono to Deca)				Max 1000.0
Monobromobiphenyl (CAS No. 92-52-4)	IEC 62321-6:2015 test performed by GC-MS	5.0	ND	
Dibromobiphenyl (CAS No. 92-86-4)	IEC 62321-6:2015 test performed by GC-MS	5.0	ND	
Tribromobiphenyl (CAS No. 59080-34-1)	IEC 62321-6:2015 test performed by GC-MS	5.0	ND	
Tetrabromobiphenyl (CAS No. 40088-45-7)	IEC 62321-6:2015 test performed by GC-MS	5.0	ND	
Pentabromobiphenyl (CAS No. 56307-79-0)	IEC 62321-6:2015 test performed by GC-MS	5.0	ND	
Hexabromobiphenyl (CAS No. 59080-40-9)	IEC 62321-6:2015 test performed by GC-MS	5.0	ND	
Heptabromobiphenyl (CAS No. 35194-78-6)	IEC 62321-6:2015 test performed by GC-MS	5.0	ND	
Octabromobiphenyl (CAS No. 6188-13-9)	IEC 62321-6:2015 test performed by GC-MS	5.0	ND	
Nonabromobiphenyl (CAS No. 27753-52-2)	IEC 62321-6:2015 test performed by GC-MS	5.0	ND	
Decabromobiphenyl (CAS No. 13654-09-6)	IEC 62321-6:2015 test performed by GC-MS	5.0	ND	

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TEST PARAMETER	TEST METHOD	MDL (mg/kg)	RESULTS (mg/kg)	LIMIT (mg/kg)
Sum of PBDEs (Mono to Deca)				Max 1000.0
Monobromodiphenyl ether (CAS No. 101-55-3)	IEC 62321-6:2015 test performed by GC-MS	5.0	ND	
Dibromodiphenyl ether (CAS No. 205047-7)	IEC 62321-6:2015 test performed by GC-MS	5.0	ND	
Tribromodiphenyl ether (CAS No. 49690-94-0)	IEC 62321-6:2015 test performed by GC-MS	5.0	ND	
Tetrabromodiphenyl ether (CAS No. 40088-47-9)	IEC 62321-6:2015 test performed by GC-MS	5.0	ND	
Pentabromodiphenyl ether (CAS No. 32534-81-9)	IEC 62321-6:2015 test performed by GC-MS	5.0	ND	
Hexabromodiphenyl ether (CAS No. 36483-60-0)	IEC 62321-6:2015 test performed by GC-MS	5.0	ND	
Heptabromodiphenyl ether (CAS No. 68928-80-3)	IEC 62321-6:2015 test performed by GC-MS	5.0	ND	
Octabromodiphenyl ether (CAS No. 32536-52-0)	IEC 62321-6:2015 test performed by GC-MS	5.0	ND	
Nonabromodiphenyl ether (CAS No. 63936-56-1)	IEC 62321-6:2015 test performed by GC-MS	5.0	ND	
Decabromodiphenyl ether (CAS No. 1163-19-5)	IEC 62321-6:2015 test performed by GC-MS	5.0	ND	

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TEST PARAMETER	TEST METHOD	MDL (mg/kg)	RESULTS (mg/kg)	LIMIT (mg/kg)
Phthalates				
Di-ethylhexylphthalate (DEHP) (CAS No. 117-81-7)	IEC 62321-8:2017 test performed by GC-MS	30.0	145.0	Max 1000.0
Benzylbutylphthalate (BBP) (CAS No. 85-68-7)	IEC 62321-8:2017 test performed by GC-MS	30.0	ND	Max 1000.0
Dibutylphthalate (DBP) (CAS No. 84-74-2)	IEC 62321-8:2017 test performed by GC-MS	30.0	ND	Max 1000.0
Di-isobutylphthalate (DIBP) (CAS No. 84-69-5)	IEC 62321-8:2017 test performed by GC-MS	30.0	91.0	Max 1000.0

- Note:
- The maximum permissible limits are quoted from the European Parliament and Council Directive 2005/84/EC(amending Directive 2015/863 amending annex II to Directive 2011/65/EU).
  - MDL = Method detection limits
  - N.D= Not detected at the detection limits.
  - mg/kg = ppm (parts per million); 0.1wt% = 1000ppm
  - Lead content more than 85% in its alloys (Tin -Lead solder alloys) are exempted as per directives 2002/95/EC, Annexure article-7.

-----End of Report-----



Vipin Kumar

Authorized Signatory

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