## 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

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### TEST REPORT

Page 1 of 3
Report No.: 2008060060 Date: 12-08-2020

Issued To:

#### M/s GREENTECH UPVC INDIA PVT. LTD.

SY. NO. - 220-230, SAMPANBOLE VILLAGE, JAGANGUDA GP, SHAMIRPET MANDAL, MEDCHAL TELANGANA - 500078

Sample Description : GREENTECH UPVC PROFILE

Sample Received Date : 06-08-2020 Sample Drawn By : Client Specification : --

Test Requested : RoHS 10 Elements

Test Method : Refer to Attached Pages.
Test Result : Refer to Attached Pages.

#### SAMPLE PICTURE

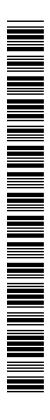




#### Terms & Conditions:-

Sample will not be retained more than one month for chemical and three month for mechanical unless specified instructed.
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## TEST REPORT

Page 2 of 3 Date: 12-08-2020

#### I. Chemical

Report No.:

2008060060

RoHS 10 ELEMENTS (Pb,Cd,Hg,Cr6,PBB,PBDE,phthalates) Test performed on: 07-08-2020 to 12-08-2020

Cadmium (as Cd) Mercury (as Hg) Hexa Chromium (as Cr+6) Sum of PBBs (Mono to Deca) Monobromobiphenyl Dibromobiphenyl Tribromobiphenyl Tetrabromobiphenyl Pentabromobiphenyl Hexabromobiphenyl Heptabromobiphenyl	7439-92-1 7440-43-09 7439-97-6 10588-01-9 92-52-4 92-86-4 59080-34-1 40088-45-7 56307-79-0 59080-40-9	IEC 62321-5:2013, IEC 62321-5:2013, IEC 62321-4:2013 IEC 62321-7-2:2017 IEC 62321-6:2015 test performed by GC-MS	LIMITS (mg/kg)  10.0  10.0  10.0  10.0  10.0  10.0  10.0  10.0  10.0  10.0  10.0	MD ND	PERMISSIBLE LIMITS (mg/kg) 1000.0 1000.0 1000.0 1000.0
Cadmium (as Cd) Mercury (as Hg) Hexa Chromium (as Cr+6) Sum of PBBs (Mono to Deca) Monobromobiphenyl Dibromobiphenyl Tribromobiphenyl Tetrabromobiphenyl Pentabromobiphenyl Hexabromobiphenyl Heptabromobiphenyl	7440-43-09 7439-97-6 10588-01-9 92-52-4 92-86-4 59080-34-1 40088-45-7 56307-79-0	IEC 62321-5:2013, IEC 62321-4:2013 IEC 62321-7-2:2017 IEC 62321-6:2015 test	10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	ND ND ND ND ND ND ND ND ND	(mg/kg) 1000.0 100.0 1000.0 1000.0
Cadmium (as Cd) Mercury (as Hg) Hexa Chromium (as Cr+6) Sum of PBBs (Mono to Deca) Monobromobiphenyl Dibromobiphenyl Tribromobiphenyl Tetrabromobiphenyl Pentabromobiphenyl Hexabromobiphenyl Heptabromobiphenyl	7440-43-09 7439-97-6 10588-01-9 92-52-4 92-86-4 59080-34-1 40088-45-7 56307-79-0	IEC 62321-5:2013, IEC 62321-4:2013 IEC 62321-7-2:2017 IEC 62321-6:2015 test	10.0 10.0 10.0 10.0 10.0 10.0 10.0	ND ND ND ND ND ND ND ND ND	1000.0 100.0 1000.0 1000.0
Cadmium (as Cd) Mercury (as Hg) Hexa Chromium (as Cr+6) Sum of PBBs (Mono to Deca) Monobromobiphenyl Dibromobiphenyl Tribromobiphenyl Tetrabromobiphenyl Pentabromobiphenyl Hexabromobiphenyl Heptabromobiphenyl	7440-43-09 7439-97-6 10588-01-9 92-52-4 92-86-4 59080-34-1 40088-45-7 56307-79-0	IEC 62321-5:2013, IEC 62321-4:2013 IEC 62321-7-2:2017 IEC 62321-6:2015 test	10.0 10.0 10.0 10.0 10.0 10.0 10.0	ND ND ND ND ND ND ND ND ND	100.0 1000.0 1000.0
Mercury (as Hg) Hexa Chromium (as Cr+6) Sum of PBBs (Mono to Deca) Monobromobiphenyl Dibromobiphenyl Tribromobiphenyl Tetrabromobiphenyl Pentabromobiphenyl Hexabromobiphenyl Heptabromobiphenyl	7439-97-6 10588-01-9 92-52-4 92-86-4 59080-34-1 40088-45-7 56307-79-0	IEC 62321-4:2013 IEC 62321-7-2:2017 IEC 62321-6:2015 test	10.0 10.0 10.0 10.0 10.0 10.0	ND ND ND ND ND	1000.0 1000.0
Hexa Chromium (as Cr+6)  Sum of PBBs (Mono to Deca)  Monobromobiphenyl Dibromobiphenyl Tribromobiphenyl Tetrabromobiphenyl Pentabromobiphenyl Hexabromobiphenyl Heptabromobiphenyl	92-52-4 92-86-4 59080-34-1 40088-45-7 56307-79-0	IEC 62321-7-2:2017 IEC 62321-6:2015 test	10.0 10.0 10.0 10.0 10.0	ND ND ND ND	1000.0
Monobromobiphenyl Dibromobiphenyl Tribromobiphenyl Tetrabromobiphenyl Pentabromobiphenyl Hexabromobiphenyl Heptabromobiphenyl	92-52-4 92-86-4 59080-34-1 40088-45-7 56307-79-0	IEC 62321-6:2015 test	10.0 10.0 10.0 10.0	ND ND ND	
Monobromobiphenyl Dibromobiphenyl Tribromobiphenyl Tetrabromobiphenyl Pentabromobiphenyl Hexabromobiphenyl Heptabromobiphenyl	92-86-4 59080-34-1 40088-45-7 56307-79-0		10.0 10.0 10.0	ND ND	1000.0
Monobromobiphenyl Dibromobiphenyl Tribromobiphenyl Tetrabromobiphenyl Pentabromobiphenyl Hexabromobiphenyl Heptabromobiphenyl	92-86-4 59080-34-1 40088-45-7 56307-79-0	performed by GC-MS	10.0 10.0 10.0	ND ND	
Dibromobiphenyl Tribromobiphenyl Tetrabromobiphenyl Pentabromobiphenyl Hexabromobiphenyl Heptabromobiphenyl	92-86-4 59080-34-1 40088-45-7 56307-79-0		10.0 10.0 10.0	ND ND	
Tribromobiphenyl Tetrabromobiphenyl Pentabromobiphenyl Hexabromobiphenyl Heptabromobiphenyl	59080-34-1 40088-45-7 56307-79-0		10.0 10.0	ND	
Tetrabromobiphenyl Pentabromobiphenyl Hexabromobiphenyl Heptabromobiphenyl	40088-45-7 56307-79-0		10.0	+	
Pentabromobiphenyl Hexabromobiphenyl Heptabromobiphenyl	56307-79-0			ND	
Hexabromobiphenyl Heptabromobiphenyl			10.0		
Heptabromobiphenyl	59080-40-9		10.0	ND	
·			10.0	ND	
	35194-78-6		10.0	ND	
Octabromobiphenyl	6188-13-9		10.0	ND	
Nonabromobiphenyl	27753-52-2		10.0	ND	
Decabromobiphenyl	13654-09-6		10.0	ND	
Sum of PBDEs (Mono to		IEC 62321-6:2015 test			1000.0
Deca)		performed by GC-MS			
Monobromodiphenyl	101-55-3		10.0	ND	
ether					
Dibromodiphenyl ether	205047-7		10.0	ND	
Tribromodiphenyl ether	49690-94-0		10.0	ND	
Tetrabromodiphenyl ether	40088-47-9		10.0	ND	
' '	32534-81-9		10.0	ND	
ether					
Hexabromodiphenyl ether	36483-60-0		10.0	ND	
Heptabromodiphenyl	68928-80-3		10.0	ND	
ether					
	32536-52-0		10.0	ND	
Nonabromodiphenyl ether	63936-56-1		10.0	ND	
Decabromodiphenyl ether	1163-19-5		10.0	ND	

Govt. Approved Laboratory ISO 9001 : 2015, ISO 14001:2015 & OHAS 1800:2007 Certified Laboratory

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### **TEST REPORT**

Page 3 of 3 Report No.: 2008060060 Date: 12-08-2020

TEST PARAMETER	CAS No.	TEST METHOD	DETECTION LIMITS (mg/kg)	RESULTS (mg/kg)	MAX. PERMISSIBLE LIMITS (mg/kg)
Pthalates		IEC 62321-8:2017 test performed by GC-MS			
Di-ethylhexlphthalate (DEHP)	117-81-7		50.0	ND	1000.0
Benzylbutylphthalate (BBP)	85-68-7		50.0	ND	1000.0
Dibutylphthalate (DBP)	84-74-2		50.0	ND	1000.0
Di-isobutylphthalate (DIBP)	84-69-5		50.0	ND	1000.0

#### Note:

- 1. 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).
- 2. Detection Limit = Method detection limits
- 3. N.D.= Not detected at the detection limits.
- 4. mg/kg = ppm (parts per million); 0.1wt% = 1000ppm
- 5. 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-



P.N.Rao SR. ANALYST

**Authorised Signatory** 



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