

TEST REPORT

DATE : 31st October, 2015

Report No. : GR:HL:6480025305

MITTAL DYES AND CHEMICALS

39A/1, SITE NO. IV, INDUSTRIAL AREA GHAZIABAD-201010 INDIA CONTACT PERSON : MR. ASHWIN MITTAL

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :SAMPLE DESCRIPTIONPHTHALOCYANINE ALPHA BLUE MBR-K-HSBATCH NO.AB0351352CI NO.PIGMENT BLUE 15.1COUNTRY OF ORIGININDIASAMPLE RECD ON20/10/2015TEST PERFORMING DATE21/10/2015 TO 31/10/2015

RESULT SUMMARY

TESTS NAME	COMMENTS	
EXTRACTABLE HEAVY METAL (With ref . to AP-89 (1))	PASS	
POLYCHLOROBIPHENYL(PCB) (With Ref. to AP(89) 1 By GC-MS)	SEE RESULTS	
AROMATIC AMINES (With Ref. to AP(89) 1 By HPLC DAD)	SEE RESULTS	

Per Pro SGS India Pvt Ltd.

Subasini Saraswat Asst. Manager Email your Test Report Related Enquiries at Feedback.HLT@sgs.com

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SGS India Pvt. Ltd Regd. & Corp. Off: SGS House, 4B, A.S. Marg, Vikhroli (West), Mumbai-400083. t: (022) 6640 8888 f: (022) 6640 8829 www.sgs.com



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RESULTS:

EXTRACTABLE HEAVY METAL

Test Method : With ref . to AP-89 (1) followed by analysis using ICP-OES. Stimulent Used : 0.1M Hcl Temperature : 23 ℃±3 ℃

S.No	ELEMENT	<u>RESULTS –1</u> (mg/kg)	MAX. PERMISSIBLE LIMIT (%)
1	Extractable Lead (Pb)	ND	0.01
2	Extractable Cadmium(Cd)	ND	0.01
3	Extractable Chromium (Cr)	ND	0.10
4	Extractable Arsenic (As)	ND	0.01
5	Extractable Mercury(Hg)	ND	0.01
6	Extractable Antimony(Sb)	ND	0.05
7	Extractable Barium(Ba)	ND	0.01
8.	Extractable Selenium(Se)	ND	0.01
Conclusi	on	Pass	

Tested Sample Name: 1: PHTHALOCYANINE ALPHA BLUE MBR-K-HS

Note:

- 1. mg/kg = milligram per kilogram,
- 2. ND = Not Detected
- Testing has been
 1% = 10000 ppm Testing has been performed as per client's request.

POLYCHLORO BIPHENYLS (PCB)

Method: With Ref. to AP(89) 1 By GC-MS

POLYCHLORO BIPHENYL	RESULT
2,2',3,3,4',4,5,5',6,6'-Deca chlorobiphenyl 2',2,3,3',4,4,5',5,6'-Nonochlorobiphenyl 2,2,3',3,4,4',5,5'-Octa chlorobiphenyl 2,2,3',4,5,5',6'-Heptachlorobiphenyl 2,3,4',5,6'-Hexachlorobiphenyl 2,2,4',4'-Tetrachlorobiphenyl 2,4',5'-Trichlorobiphenyl 3,3-Di chlorobiphenyl 2-Chlorobiphenyl	PHTHALOCYANINE ALPHA BLUE MBR-K-HS : ND (DL : 0.1 mg/kg)

Note:

- 1. Above test is subcontracted to SGS approved lab.
- 2. ppm = parts per million=mg/kg
- 3. ND = Not Detected , DL= Detection Limit

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AROMATIC AMINES

Method: With Ref. to AP(89) 1 By HPLC DAD

Amines Substances	Test Method	<u>Result</u>	Detection Limit
Aniline		ND	
Benzidine		ND	
2-Naphthylamine	With Ref. to AP(89) 1 By HPLC DAD	ND	10 ppm
4-Aminobiphenyl		ND	

Sample Discription : 1. PHTHALOCYANINE ALPHA BLUE MBR-K-HS

Note:

- 1. Above test is subcontracted to SGS India Pvt. Ltd. Chennai Branch.
- 2. ppm = parts per million=mg/kg
- 3. ND = Not Detected , DL= Detection Limit
- 4. Testing has been performed as per client's request.



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

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