

TEST REPORT

Report No. : GR:TX:6410078476

DATE : 12/09/2006

SAMPLE NOT DRAWN BY SGS INDIA PRIVATE LTD.

SAMPLE SUBMITTED AND IDENTIFIED BY SUPPLIER AS :

SUBMITTED BY JALAN COLOUR COMPANY
ADDRESS 1133/4, GALI TELIAN,, TILAK BAZAR,
CITY DELHI-
COUNTRY INDIA

PRODUCT DESCRIPTION POWDER
(CATIONIC/ACRYLIC)

COLOUR BLUE G R L
CONTACT PERSON ANAND JALAN
COUNTRY OF ORIGIN INDIA
SAMPLE RECD ON 06/09/2006

TEST START DATE 08/09/2006 TEST END DATE 12/09/2006

TEST(S) REQUIRED AZO DYES



per pro SGS India Private Ltd.

Authorised Signatory

Gadadhar Panda
Executive

JOE No : 641142201

Page 1 of 3

Control No 6415103680

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SGS India Pvt. Ltd. Consumer Testing Services, 260, Udyog Vihar, Phase IV, Gurgaon - 122016, Haryana (India) Phone : +91-124-2399990 - 98, Fax : 2399766.

Regd & Corp. Off : SGS House, 413, A S Marg, Vikhroli (West), Mumbai-400083 Tel : (022) 25798421 to 28 Fax : (022) 25798431 to 35 www.sgs.com

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R E S U L T S

Analysis Of Azo Dye From General Fibres Commodity Articles According To German

Bedarfsgegenstände-Verordnung

Section 35 of the German Foodstuffs and Commodity Articles Act, January 1998, 82.02.2 & § 35 LMBG 82.02.Z (July 2004); with the use of Gas Chromatography - Mass Spectrometry (GC-MS) / High Performance Liquid Chromatography - Diode Array Detector (HPLC-DAD) / Thin layer Chromatography (TLC) Technique.

BLUE POWDER

No.	Forbidden Amines Substances	CAS-No.	Result
1	4-aminodiphenyl/xenylamine/Biphenyl-4-ylamine	92-67-1	n.d.
2	Benzidine	92-87-5	n.d.
3	4-chlor-o-toluidine	95-69-2	n.d.
4	2-naphthylamine	91-59-8	n.d.
5	o-aminoazotoluene/4-o-tolylazo-o-toluidine/4-amino-2',3'-dimethylazobenzene*	97-56-3	n.d.
6	2-amino-4-nitrotoluol/5-nitro-o-toluidine**	99-55-8	n.d.
7	p-chloranilin/4-chloroaniline	106-47-8	n.d.
8	2,4-diaminoanisole/4-methoxy-m-phenylenediamine	615-05-4	n.d.
9	4,4'-diaminodiphenylmethane/4,4'-methylenedianiline	101-77-9	n.d.
10	3,3'-dichlorobenzidine/3,3'-dichlorobiphenyl-4,4'-ylene diamine	91-94-1	n.d.
11	3,3'-dimethoxybenzidine/o-dianisidine	119-90-4	n.d.
12	3,3'-dimethylbenzidine/4,4'-bi-o-Toluidine	119-93-7	n.d.
13	3,3'-dimethyl-4,4'-diaminodiphenylmethane/4,4'-methylenedi-o-toluidine	838-88-0	n.d.
14	p-cresidin/6-methoxy-m-toluidine	120-71-8	n.d.
15	4,4'-methylen-bis-(2-chloro-aniline)/2,2'-dichloro-4,4'-methylenedianiline	101-14-4	n.d.
16	4,4'-oxydianiline	101-80-4	n.d.
17	4,4'-thiodianiline	139-65-1	n.d.
18	o-toluidine/2-aminotoluene	95-53-4	n.d.
19	2,4-toluylenediamine/4-methyl-m-phenylenediamine	95-80-7	n.d.
20	2,4,5-trimethylaniline	137-17-7	n.d.
21	4-aminoazobenzene***	60-09-3	n.d.
22	o-anisidine/ 2-methoxyaniline	90-04-0	n.d.

OVERALL RATING

JOE No. : 641142201

Page 2 of 3

Control No 6415103680

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Note:

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n.d. = not detectable.

Detection Limit = 25 (mg/kg).

* : Detected as O-Toluidine.

** : Detected as Toluylene 2,4-diamine.

*** : the § 35 LMBG 82.02.2 method will enable further cleavage of 4-aminoazobenzene to non- forbidden amines: aniline and 1,4-phenylenediamine, therefore, the test method of § 35 LMBG 82.02.Z was employed to verify the presence of 4-aminoazobenzene

EN 14362-1 for European directive 2002/61/EC is corresponding to §35 LMBG B 82.02-2 of German Commodities Ordinance.

EN 14362-2 for European directive 2002/61/EC is corresponding to §35 LMBG B 82.02-4 of German Commodities Ordinance.

ISO 17234 for European directive 2002/61/EC is corresponding to §35 LMBG B 82.02-3 of German Commodities Ordinance.

Forbidden Arylamines for Azo Dye Regulations:

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No. 1-22 - Commission of the European Communities: Directive 2002/61/EC adopted by the Council on 19 July 2002

No. 1-20, 22-24 - Client requirement

Note : Above test is subcontracted to SGS India Pvt. Ltd. Chennai.

**** End of Report ****

JOE No. : 641142201

Page 3 of 3

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