



Test Report

Amendment

No: TXD0181 /2006 /SH

Date: DEC. 18, 2006

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KOANG CHI IND. CO., LTD.
1FL, NO, 60-7, SAN HO RD, HSIN CHUANG,
TAIPEI. TAIWAN

The following sample was submitted and identified by the client as:

SAMPLE DESCRIPTION: ONE SAMPLE OF DISPERSE DYESTUFF CAKE IN T.P. BLUE GPN

SAMPLE RECEIVING DATE: DEC. 05, 2006

TEST STARTING DATE: DEC. 05, 2006

Test Performed: Selected test(s) as requested by applicant.

Test Results: For further details, please refer to the following page(s).

Remark:

This test report supersedes the test report No. TXD0181/2006/SH, Date: DEC. 11, 2006

**Signed for and on behalf of
SGS Taiwan Ltd.**

**Wu Ming-Yueh, Mindy
Supervisor**

Test Results:

1.

TEST ITEM(S)	UNIT	METHOD	MDL	RESULT	LIMIT VALUE
DISPERSE DYES	---	---	---	---	
DISPERSE BLUE 1	mg/L	DIN 54231	1	n.d.	50.0
DISPERSE BLUE 3	mg/L	DIN 54231	1	n.d.	
DISPERSE BLUE 7	mg/L	DIN 54231	1	n.d.	
DISPERSE BLUE 26	mg/L	DIN 54231	1	n.d.	
DISPERSE BLUE 35	mg/L	DIN 54231	1	n.d.	
DISPERSE BLUE 102	mg/L	DIN 54231	1	n.d.	
DISPERSE BLUE 106	mg/L	DIN 54231	1	n.d.	
DISPERSE BLUE 124	mg/L	DIN 54231	1	n.d.	
DISPERSE YELLOW 1	mg/L	DIN 54231	1	n.d.	
DISPERSE YELLOW 3	mg/L	DIN 54231	1	n.d.	
DISPERSE YELLOW 9	mg/L	DIN 54231	1	n.d.	
DISPERSE YELLOW 23	mg/L	DIN 54231	1	n.d.	
DISPERSE YELLOW 39	mg/L	DIN 54231	1	n.d.	
DISPERSE YELLOW 49	mg/L	DIN 54231	1	n.d.	
DISPERSE ORANGE 1	mg/L	DIN 54231	1	n.d.	
DISPERSE ORANGE 3	mg/L	DIN 54231	1	n.d.	
DISPERSE ORANGE 37/76	mg/L	DIN 54231	1	n.d.	
DISPERSE RED 1	mg/L	DIN 54231	1	n.d.	
DISPERSE RED 11	mg/L	DIN 54231	1	n.d.	
DISPERSE RED 17	mg/L	DIN 54231	1	n.d.	
DISPERSE BROWN 1	mg/L	DIN 54231	1	n.d.	

NOTE 1 : ppm = mg/kg

NOTE 2 : n.d. = Not Detected.

NOTE 3 : MDL = METHOD DETECTION LIMIT.

NOTE 4 : The test was subcontracted to other SGS Laboratory.

Test Results:

2.Detection of forbidden amines in dyestuff (Azo dyes)

Refer to Section 35 of the German Foodstuffs and Commodity Articles Act, with the use of Gas Chromatographic - Mass Spectrometry (GC-MS) / High performance liquid chromatography(HPLC) Technique.

Test Method : Textile method (LMBG B 82.02-2 June 2004)

4-Aminoazobenzene (LMBG B 82.02.Z July 2004)

<u>Forbidden amine</u>	<u>CAS NO.</u>	<u>Result</u>
01. 4-Aminobiphenyl	92-67-1	n.d.
02. Benzidine	92-87-5	n.d.
03. 4-Chloro-o-toluidine	95-69-2	n.d.
04. 2-Naphthylamine	91-59-8	n.d.
05. 0-Aminoazotoluene	97-56-3	n.d.
06. 2-Amino-4-nitrotoluene	99-55-8	n.d.
07. p-Chloraniline	106-47-8	n.d.
08. 2,4-Diaminoanisole	615-05-4	n.d.
09. 4,4'-Diaminobiphenylmethane	101-77-9	n.d.
10. 3,3'-Dichlorobenzidine	91-94-1	n.d.
11. 3,3'-Dimethoxybenzidine	119-90-4	n.d.
12. 3,3'-Dimethylbenzidine	119-93-7	n.d.
13. 3,3'-Dimethyl-4,4'diaminobiphenylmethane	838-88-0	n.d.
14. p-Cresidine	120-71-8	n.d.
15. 4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	n.d.
16. 4,4'-Oxydianiline	101-80-4	n.d.
17. 4,4'-Thiodianiline	139-65-1	n.d.
18. 0-Toluidine	95-53-4	n.d.
19. 2,4-Toluyldiamine	95-80-7	n.d.
20. 2,4,5-Trimethylaniline	137-17-7	n.d.
21. 0-Anisidine	90-04-0	n.d.
22. 4-Aminoazobenzene	60-09-3	n.d.
23. 2,4, Xylidine	95-68-1	n.d.
24. 2,6,-Xylidine	87-62-7	n.d.
Overall Rating		PASS

Limit : 20 ppm

Remarks: ppm = part per million (mg/kg)

detection limit : 3 ppm.

n.d. = not detected

The test was subcontracted to other SGS Laboratory.

*** End of Report ***