



Test Report

No. 2748526/TX

Date : Oct 18 2006

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HANG WAI ZIPPER FACTORY LIMITED.
G/F, 176 KI LUNG ST.,
SHAM SHUI PO,
KOWLOON,
HONG KONG

The following samples were submitted and identified by the client as:

Two samples of no.3 nylon zipper in (A) black (B) blue.

Country Of Destination : Europe

Sample Receiving Date : Oct 12, 2006

Test Performing Date : Oct 12, 2006

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

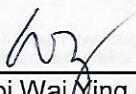
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Test Results : Please refer to the next page(s).

Comment : Azo dye (A) Pass (B) Pass

Residual sample returned to applicant

Signed for and on behalf of
SGS Hong Kong Ltd.


Choi Wai Ming, Cherry
Senior Account Executive

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H 14148773

Test Result :

Detection and Determination of Certain Listed Aromatic Amines Derived from Azo Colorants

As per EN 14362-1:2003 & § 35 LMBG 82.02.Z (July 2004)

By Gas Chromatographic Mass Spectrometry (GC-MS)/Thin Layer Chromatography (TLC) Technique

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

2002/61/EC requirements :

No relevant amine exceeding 30 ppm (mg/kg)

Relevant requirements (composite sample) :

No relevant amine exceeding 15 ppm (mg/kg) for 2 composite mix

No relevant amine exceeding 10 ppm (mg/kg) for 3 composite mix.



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Note:

n.d. = not detectable
Detection Limit = 5 ppm (mg/kg)

Forbidden Arylamines for Azo Dye Regulations

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

Comment :

Based on the test result, azo colorants which can release one or more of the listed amines by cleavage of their azo group/s were not detected in sample (s) or the commodity submitted.

*** End of Report ***