

Test Report No. SHSL1106106111TX D

Date: Jun 15, 2011

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/ SGS-CSTC SHANGHAI HG

XINDAO HONG KONG CO., LTD. NO. 28, LANE 3489, NORTH ZHONGSHAN ROAD, SHANGHAI

The following sample(s) was/were submitted and identified on behalf of the client as:

No.	Sample Description	Composition	Colour	End Uses
А	Woven fabric(P262.711/3/5/7/8/9	65% polyester 35% cotton	Orange	-
	Apron)			
В	Woven fabric(P262.711/3/5/7/8/9	65% polyester 35% cotton	Navy	-
	Apron)			
С	Woven fabric(P262.711/3/5/7/8/9	65% polyester 35% cotton	Green	-
	Apron)			
D	Woven fabric(P262.711/3/5/7/8/9	65% polyester 35% cotton	Coffee	-
	Apron)			
E	Woven fabric(P262.711/3/5/7/8/9	65% polyester 35% cotton	Black	-
	Apron)			
F	Woven fabric(P262.711/3/5/7/8/9	65% polyester 35% cotton	White	-
	Apron)			

SGS Ref./Order No. Country of Destination	SHHG1106014406SD EU			
Test Performed	Selected test(s) as requested by applicant			
*	* *		*	*
Sample Receiving Date	JUN. 09, 2011			
Testing Period	JUN. 09, 2011 –JUN	N. 15, 2011		
Test Result(s)	For further details, p	blease refer to	the following pag	ge(s).

Signed for and on behalf of SGS-CSTC Ltd.

Fiona Leng (Account Executive)

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Standards Technical Several Soc., Ltd. 1 Brandards Estimation (1997)

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Test Result

Azo Dyes

Test Method:

Textile: According to EN 14362-1:2003– Analysis was conducted with GC-MS/HPLC-DAD. Polyester: According to EN 14362-2:2003– Analysis was conducted with GC-MS/HPLC-DAD.

Amines		<u>Result</u> (mg/kg) (A+B+C)	
	CAS No.		
		EN 14362-1	EN 14362-2
4-Aminobiphenyl	92-67-1	ND	ND
Benzidine	92-87-5	ND	ND
4-Chloro-o-toluidine	95-69-2	ND	ND
2-Naphthylamine	91-59-8	ND	ND
o-Aminoazotoluene	97-56-3	ND	ND
5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8	ND	ND
4-Chloroaniline	106-47-8	ND	ND
4-methoxy-m-phenylenediamine / 2,4- Diaminoanisole	615-05-4	ND	ND
4,4'-Diaminodiphenylmethane	101-77-9	ND	ND
3,3'-Dichlorobenzidine	91-94-1	ND	ND
3,3'-Dimethoxybenzidine	119-90-4	ND	ND
3,3'-Dimethybenzidine	119-93-7	ND	ND
4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	ND	ND
p-Cresidine	120-71-8	ND	ND
4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	ND	ND
4,4'-Oxydianiline	101-80-4	ND	ND
4,4'-Thiodianiline	139-65-1	ND	ND
o-Toluidine	95-53-4	ND	ND
4-methyl-m-phenylenediamine / 2,4-Toluylendiamine	95-80-7	ND	ND
2,4,5-Trimethylaniline	137-17-7	ND	ND
O-Anisidine	90-04-0	ND	ND
4-aminoazobenzene	60-09-3	ND	ND
Conclusion		Pass	Pass

Note:

ND = Not Detected(<MDL) MDL(Method Detection Limit)= 5 mg/kg (for individual compound) **30 mg/kg** (for individual compound)

Client requirement:

NGINSERY

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Remark: Test was conducted on composite of random parts of the item as per client's request and the test result is the overall result.

Remark: Test result for 4-aminoazobenzene (CAS no.: 60-09-3) is considered as "not detected" (i.e. <5mg/kg) since both aniline and/or 1,4-phenylenediamine is not found (i.e. <5mg/kg) by mentioned test method

Client requirement specified by entry 43 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2002/61/EC).

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Azo Dyes

Test Method:

Textile: According to EN 14362-1:2003– Analysis was conducted with GC-MS/HPLC-DAD.

Polyester: According to EN 14362-2:2003– Analysis was conducted with GC-MS/HPLC-DAD.

Amines		<u>Result</u> (mg/kg) (D+E+F)	
	CAS No.		
		EN 14362-1	EN 14362-2
4-Aminobiphenyl	92-67-1	ND	ND
Benzidine	92-87-5	ND	ND
4-Chloro-o-toluidine	95-69-2	ND	ND
2-Naphthylamine	91-59-8	ND	ND
o-Aminoazotoluene	97-56-3	ND	ND
5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8	ND	ND
4-Chloroaniline	106-47-8	ND	ND
4-methoxy-m-phenylenediamine / 2,4- Diaminoanisole	615-05-4	ND	ND
4,4'-Diaminodiphenylmethane	101-77-9	ND	ND
3,3'-Dichlorobenzidine	91-94-1	ND	ND
3,3'-Dimethoxybenzidine	119-90-4	ND	ND
3,3'-Dimethybenzidine	119-93-7	ND	ND
4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	ND	ND
p-Cresidine	120-71-8	ND	ND
4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	ND	ND
4,4'-Oxydianiline	101-80-4	ND	ND
4,4'-Thiodianiline	139-65-1	ND	ND
o-Toluidine	95-53-4	ND	ND
4-methyl-m-phenylenediamine / 2,4-Toluylendiamine	95-80-7	ND	ND
2,4,5-Trimethylaniline	137-17-7	ND	ND
O-Anisidine	90-04-0	ND	ND
4-aminoazobenzene	60-09-3	ND	ND
Conclusion		Pass	Pass

Note:

Client requirement:

WEISERY

ND = Not Detected(<MDL)

MDL(Method Detection Limit)= 5 mg/kg (for individual compound) 30 mg/kg (for individual compound)

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Remark: Test was conducted on composite of random parts of the item as per client's request and the test result is the overall result.

Remark: Test result for 4-aminoazobenzene (CAS no.: 60-09-3) is considered as "not detected" (i.e. <5mg/kg) since both aniline and/or 1,4-phenylenediamine is not found (i.e. <5mg/kg) by mentioned test method

Client requirement specified by entry 43 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2002/61/EC).



End of Report

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