

Test Report No. SL518051919018TX Date: Feb 05, 2018 Page 1 of 4

Dsign International A/S /Go Handmade MADEVEJ 11-13 6200 AABENRAA, DENMARK

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

Sample Description : (A) Vintage yarn: 70% wool 30% bamboo fiber in brown for knitting

(B)Vintage yarn: 70% wool 30% bamboo fiber in soft pink for knitting (C)Vintage yarn: 70% wool 30% bamboo fiber in grey for knitting (D)Vintage yarn: 70% wool 30% bamboo fiber in blue for knitting A:17334 Brown B:17337 Soft pink C:17339 Grey D:17341 Blue

Style No. : A:17334 Brown B:17337 Soft pink C:17339 Gre Buyer : SHANGHAI CHARMKEY TEXTILE CO.,LTD

Order No. : CK171002

Manufacturer : Dsign International A/S /Go Handmade

Country of Destination : Denmark Country of Origin : China

Supplier : Dsign International A/S /Go Handmade

Proposed Care Instruction : -

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

Sample Receiving Date : Jan 23, 2018

Testing Period : Jan 25, 2018 - Feb 05, 2018

Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the

sample(s) tested. For further details, please refer to the following page(s).

Signed for and on behalf of

lattice Chen

SGS-CSTC Standards Technical Services (Shanghai) Co. Ltd

Hattie Chen

Account Executive



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at https://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction is sused defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

**Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@egs.com



Test Report

No. SL518051919018TX

Date: Feb 05, 2018

Page 2 of 4

Test Result

Azo Dyes

Test Method:

All Textile: According to EN 14362-1:2012 – Analysis was conducted with GC-MS/HPLC-DAD.

Amines			<u>Result</u> (mg/kg)	
1	CAS No.	(A)	(B)	
4-Aminobiphenyl	92-67-1	ND	ND	
Benzidine	92-87-5	ND	ND	
4-Chlor-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	
4-aminoazobenzene	60-09-3	ND	ND	
O-Anisidine	90-04-0	ND	ND	
Conclusion		Pass	Pass	

Note: ND = Not Detected(< MDL)

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

Max Limit: 30 mg/kg (for individual compound)



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Condition

3rdBuilding,No.889,Yishan Road,Xuhui District Shanghai,China 200233 中国 • 上海 • 徐汇区宜山路889号3号楼 邮编: 200233 t (86-21) 61402666 t (86-21) 61402666

f (86–21) 64958763 f (86–21) 64958763 www.sgsgroup.com.cn e sgs.china@sgs.com



Test Report No. SL518051919018TX Date: Feb 05, 2018 Page 3 of 4

Azo Dyes

Test Method:

All Textile: According to EN 14362-1:2012 - Analysis was conducted with GC-MS/HPLC-DAD.

Amines		<u>Result</u> (mg/kg)	
	CAS No.	(C)	(D)
4-Aminobiphenyl	92-67-1	ND	ND
Benzidine	92-87-5	ND	ND
4-Chlor-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 /		ND	ND
3,3'-Dimethyl-4,4'-	838-88-0		
diaminodiphenylmethane			
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
4-aminoazobenzene	60-09-3	ND	ND
O-Anisidine	90-04-0	ND	ND
Conclusion		Pass	Pass

Note: ND = Not Detected(<MDL)

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

Max Limit: 30 mg/kg (for individual compound)

Remark: Whenever 4-aminodiphenyl (CAS number 92-67-1), 2-naphylamine (CAS number 91-59-8) and

4-methoxy-m-phenylene-diamine (CAS number 615-05-4) is found, the use of banned azo colorants cannot be reliably ascertained without additional information, e.g. the chemical

structure of the colorants used.

In case polyurethane materials are used, e.g. PU foams and coatings and in prints, it cannot be ruled out that certain amines, e.g. 4,4'-methylene-dianiline (MDA, CAS number 101-77-9) and



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Condition

3rd Building, No. 889, Yishan Road, Xuhui District Shanghai, China 200233 中国・上海・徐汇区宜山路889号3号楼 邮编: 200233 t (86-21) 61402666 f (86-21) 64958763 t (86-21) 61402666

f (86-21) 64958763

www.sgsgroup.com.cn e sgs.china@sgs.com



Test Report

No. SL518051919018TX

Date: Feb 05, 2018

Page 4 of 4

2,4-toluylen-diamine (TDA, CAS number 95-80-7) are released from the PU component and not from a banned azo colorant.

In case of pigment prints care has to be taken that 4,4'-methylene-dianiline (MDA, CAS number 101-77-9) is not released from a source of banned azo colorants but from e.g. a chemical fixing agent.

The EN 14362-1:2012 method will enable further cleavage of 4-aminoazobenzene to non-forbidden amines: aniline and 1,4-phenylenediamine. If aniline and/or 1,4-phenylenediamine is not found (i.e. 5mg/kg) by mentioned test method, test result for 4-aminoazobenzene (CAS no. 60-09-3) is considered as "not detected" (i.e. <5mg/kg). Otherwise, the test method of EN 14362-3:2012 will be employed to verify the presence of 4-aminoazobenzene.

Max. limit specified by entry 43 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006



*** End of Report ***



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Conditions.rems-and-Condition

3⁴Building,No.889,Yishan Road,Xuhui District Shanghai,China 200233 中国・上海・徐汇区宜山路889号3号楼 邮编: 200233 t (86-21) 61402666 t (86-21) 61402666

f (86-21) 64958763 f (86-21) 64958763 www.sgsgroup.com.cn e sgs.china@sgs.com