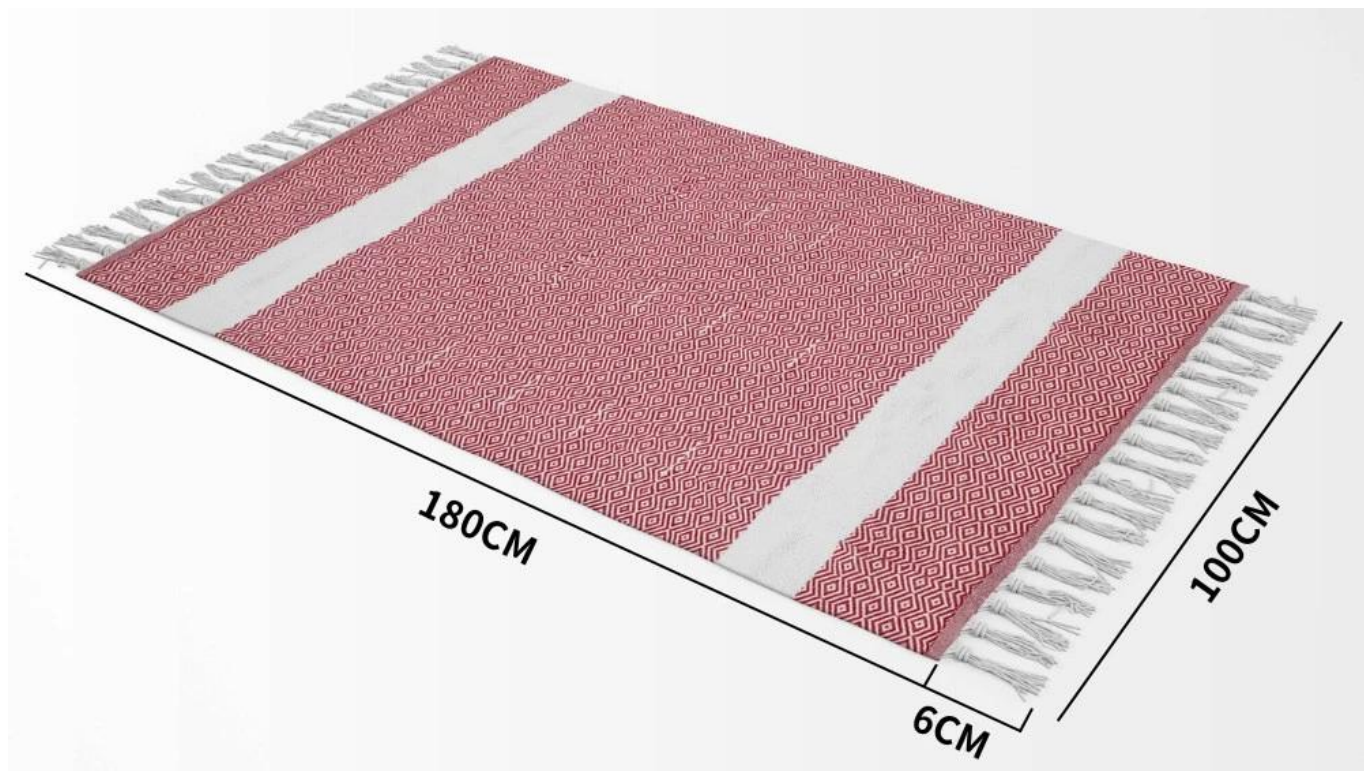


[illegible]















SGS专业质检机构

符合国际标准

SGS

Test Report SL6220623032501TX Date: January 18, 2022 Page 2 of 3

COMPONENT LIST / List of Materials

Sample No.	Component No.	Description	Material	Color	Remark
A	1	Blue yarn in body	/	Blue	
A	2	White yarn in body	/	White	

Test Result

Azo Dyes (Direct Reduction & Colorant Extraction)

Test Method: Textile: According to EN ISO 14362-1:2017 - Analysis was performed by GC-MS/HPLC-DAD.

Test Item(s)	CAS NO.	Result 1+2	Colorant extraction
4-Aminodiphenyl Benzidine	92-67-1	ND	ND
4-Chloro-o-toluidine	92-87-5	ND	ND
2-Naphthylamine	95-69-2	ND	ND
o-Aminoazobenzene	91-59-8	ND	ND
5-nitro-o-toluidine	97-56-3	ND	ND
2-Amino-4-nitrotoluene	99-58-8	ND	ND
4-Chloroaniline	106-47-8	ND	ND
4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole	615-05-4	ND	ND
4,4'-Diaminodiphenylmethane, MDA	101-77-9	ND	ND
3,3'-Dichlorobenzidine	91-04-1	ND	ND
3,3'-Dimethoxybenzidine	119-90-4	ND	ND
3,3'-Dimethylbenzidine	119-93-7	ND	ND
4,4'-methylene-di-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-Toluylenediamine, TDA	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

Notes:

ND = Not Detected (< RL)
RL (Reporting limit) = 5.0 mg/kg
Max. Limit : 30 mg/kg (for individual compound)



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Remark:

* Direct reduction refers to the extraction and reduction according to EN ISO 14362-1:2017 clause 10.2 and relevant clauses.
Colorant extraction refers to the colorant extraction and subsequent reduction according to EN ISO 14362-1:2017 clause 10.1 and relevant clauses.
4-Aminodiphenyl (CAS No. 92-67-1), 2-Naphthylamine (CAS No. 91-59-8) and 2,4-Diaminoanisole (CAS No. 615-05-4) can be indirectly generated from some colorants which do not contain these amines azo bound. The use of banned azo colorants cannot be reliably ascertained without additional information. In case PU is used, e.g. PU Foams or coatings, it cannot be ruled out that MDA (CAS No. 101-77-9) and TDA (CAS No. 95-80-7) can be released from PU material, not from banned azo colorant. Similarly, for pigment prints, MDA will be released from a chemical fixing agent.
EN ISO 14362-1:2017 will enable further cleavage of 4-AAB (CAS No. 60-09-3) to non-forbidden amines: aniline and p-phenylenediamine. If aniline and/or p-phenylenediamine is not found, 4-AAB is considered as "ND." (i.e. <5.0 mg/kg). Otherwise, EN ISO 14362-3:2017 will be employed to verify the presence of 4-AAB.

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

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.

Sample Photo



End of Report



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Company Qualifications	Our client
	

Exhibitions

- ✓ 2011-2014 every year two times exhibitions in HongKong which held by Global Source
- ✓ 2013-2014 Miami Fair held by Global Source



June 19-21,
2013 Miami
Houseware
Fair, USA



April 19-22, 2011 Hongkong
Spring houseware Fair

Oct 20-23,
2012
Hongkong
Autumn
houseware Fair



Oct 20-23,
2012
Hongkong
Autumn
houseware Fair



April 19-22, 2011 Hongkong
Spring houseware Fair



June 19-21,
2012 Miami
Houseware
Fair, USA



纺纱 Spinning



织布 Weaving



坯布 RawFabric



印花 Printing



水洗和烘干 Washing&Drying



缝制 Sewing



品检 product inspection



包装成品 Packing

毛巾生产流程
Towel production process