

GOHANDMADE - DSIGN INTERNATIOANL A/S
MADEVEJ 11-13, 6200 AABENRAA, DENMARK

THIS REPORT IS TO SUPERSEDE ANOTHER REPORT (REPORT NO.: SL119013103591TX, ISSUED DATE: DEC 18, 2019), THE ORIGINAL REPORT WILL BE INVALID FROM TODAY.

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

Sample Description : Gohandmade Soft Bamboo yarn - 70% bamboo 23% cotton 7% acrylic
Style No. : 17759 Pink
Buyer : Gohandmade-Dsign Internatioanl A/S Denmark
Manufacturer : Gohandmade-Dsign Internatioanl A/S Denmark
Country of Destination : Denmark

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

Sample Receiving Date : Dec 13, 2019
Testing Period : Dec 13, 2019 - Dec 18, 2019
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).

Conclusion
AZO Dye Analysis M

Remarks: M=Meet Client's Requirement F=Below Client's Requirement
*=No Specified Requirement

Signed for and on behalf of SGS-CSTC
Standards Technical Service (Tianjin) Co., Ltd

Shepherd Wei (Account Executive)



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Test Result
Azo Dyes (Direct Reduction & Colorant Extraction)

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

| <u>Test Item(s)</u> | <u>CAS NO.</u> | <u>Result</u> | |
|---|----------------|-------------------------------------|--|
| | | <u>Direct reduction⁺</u> | <u>Colorant extraction⁺</u> |
| 4-methyl-m-phenylenediamine / 2,4-Toluylendiamine | 95-80-7 | ND | ND |
| 2,4-Xylidine | 95-68-1 | ND | ND |
| 2,4,5-Trimethylaniline | 137-17-7 | ND | ND |
| 4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole | 615-05-4 | ND | ND |
| 2,6-Xylidine | 87-62-7 | ND | ND |
| 5-nitro-o-toluidine / 2-Amino-4-nitrotoluene | 99-55-8 | ND | ND |
| 2-Naphthylamine | 91-59-8 | ND | ND |
| 3,3'-Dichlorobenzidine | 91-94-1 | ND | ND |
| 3,3'-Dimethoxybenzidine | 119-90-4 | ND | ND |
| 3,3'-Dimethylbenzidine | 119-93-7 | ND | ND |
| 4,4'-Oxydianiline | 101-80-4 | ND | ND |
| 4,4'-Thiodianiline | 139-65-1 | ND | ND |
| 4,4'-Diaminodiphenylmethane | 101-77-9 | ND | ND |
| 4,4'-Methylene-bis-(2-chloroaniline) | 101-14-4 | ND | ND |
| 4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmet hane | 838-88-0 | ND | ND |
| 4-aminoazobenzene | 60-09-3 | ND | ND |
| 4-Aminodiphenyl | 92-67-1 | ND | ND |
| 4-Chloroaniline | 106-47-8 | ND | ND |
| 4-Chloro-o-toluidine | 95-69-2 | ND | ND |
| Benzidine | 92-87-5 | ND | ND |
| o-Aminoazotoluene | 97-56-3 | ND | ND |
| O-Anisidine | 90-04-0 | ND | ND |
| o-Toluidine | 95-53-4 | ND | ND |
| p-Cresidine | 120-71-8 | ND | ND |
| Conclusion | | PASS | PASS |

Notes :

MDL = Method Detection Limit = 5mg/kg

ND = Not Detected (< MDL)

Client's Requirement: 30 mg/kg (Each)


+ Direct reduction refers to the extraction and reduction according to ISO 14362-1:2017 clause 10.2 and relevant clauses.

+ Colorant extraction refers to the colourant extraction and subsequent reduction according to ISO 14362-1:2017 clause 10.1 and relevant clauses.

ΔAmine was detected according to the procedure described in ISO 14362-1:2017. However, when the procedure was carried out without the reducing agent, a similar result was obtained. Therefore, the amine originates from a source other than azo colorants. No forbidden azo colorants which release amines have been used.

Material qualitative list

| Fiber Type* | Material No. |
|--|--------------|
| Type C | pink yarn |
| * This fiber type identification is for the selection of azo dye testing procedure (i.e. EN 14362-1/3:2012). | |
| Note: | |
| Type A = Textile contains natural fibers only and/or regenerated fibers exclude the group of acetate. | |
| Type B = Textile contains polyester fibers only | |
| Type C = Textile contains man-made fibers and/or man-made blended fibers (except polyester fibers) | |

Sample Photo



The statement of conformity in this test report is only based on measured values by the laboratory and does not take their uncertainties into consideration.

*** End of Report ***

