

REPORT #: PTTF/48863/24

DATED: 26-04-2024

PTTF JOB #: 1221048/1-2

SAMPLE #: 57118

SUBMITTED BY: 012619

ADDRESS: XXXXX

ATTN: XXXXX

SAMPLE(S) DESCRIPTION IDENTIFIED BY THE CLIENT AS:

DATE RECEIVED: 22-04-2024

TEST END DATE: 26-04-2024

SAMPLE DESCRIPTION DENIM FABRIC

COLOUR: BLUE

QUALITY: 85% COTTON / 15% POLYESTER

GSM: 7-8 OUNCE

COUNTRY OF ORIGIN: PAKISTAN

SUPPLIER'S CODE: 012619

MANAGER OPERATIONS

PAKISTAN TEXTILE TESTING FOUNDATION (PTTF)

Unless otherwise stated the results shown in the test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the company.

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Fax: +92-41-9201733 E-mail: info@pttflab.com URL: www.pttflab.com**

REPORT #: PTTF/48863/24

DATED: 26-04-2024

This test result pertains to the sample(s), in original, provided by the client.

TESTS	RESULTS
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**1. LEAD CONTENTS
REACH ANNEX XVII**

HEAVY METALS

Total acid digestion with HNO₃/HCL analyzed performed by ICP-OES/AAS

Component: Fabric Swatch

MDL

10 ppm

Results

N.D

MDL: Method Detection Limit.

**2. CADMIUM
REACH ANNEX XVII**

HEAVY METALS

Total acid digestion with HNO₃/HCL analyzed performed by ICP-OES/AAS

Component: Fabric Swatch

MDL

10 ppm

Results

N.D

MDL: Method Detection Limit.

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TEST REPORT
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TESTS
RESULTS
**3. Aromatic Amines Derived from Azo Colorants
REACH ANNEX XVII**

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

Analysis was conducted with GC-MS & confirmed with HPLC-DAD without extraction

Sr. #	Amines	CAS No.	Results
1.	4-aminodiphenyl	92-67-1	n.d
2.	Benzidine	92-87-5	n.d
3.	4-Chlor-o-toluidine	95-69-2	n.d
4.	2-naphthylamine	91-59-8	n.d
5.	o-aminotoluene	97-56-3	n.d
6.	5-nitro-O-toluidine	99-55-8	n.d
7.	4-Chloroaniline	106-47-8	n.d
8.	4-Methoxy-m-phenylenediamine / 2,4'-diaminoanisole	615-05-04	n.d
9.	4,4'-diaminodiphenylmethane	101-77-9	n.d
10.	3,3'-Dichlorobenzidine	91-94-1	n.d
11.	3,3'-dimethoxybenzidine	119-90-4	n.d
12.	3,3'-Dimethylbenzidine	119-93-7	n.d
13.	4,4'-methylenedi-o-toluidine	838-88-0	n.d
14.	p-cresidine	120-71-8	n.d
15.	4,4'-methlen-bis-(2-chloro-aniline)	101-14-4	n.d
16.	4,4'-oxydianiline	101-80-4	n.d
17.	4,4'-thiodianiline	139-65-1	n.d
18.	o-toluidine	95-53-4	n.d
19.	4-methyl-m-phenylenediamine	95-80-7	n.d
20.	2,4,5-Trimethylaniline	137-17-7	n.d
21.	o-Anisidine	90-04-0	n.d
22.	4-aminoazobenzene	60-09-3	n.d
23.	2,4-Dimethylaniline / 2,4-xylydine	95-68-1	n.d
24.	2,6-Dimethylaniline / 2,6-xylydine	87-62-7	n.d
25.	Aniline	62-53-3	n.d
26.	1,4 phenylenediamine	106-50-3	n.d

Component Tested: (FABRIC)

Within the scope of the above mentioned test, no evidence was found of the presence in the submitted sample specified above of any Azo Dye or Pigment that is forbidden.

Abbreviations:

n.d: Note Detected (<Method Detection Limit: 5ppm / mg/kg)

Mg/Kg: milligram per kilogram ppm: Parts per million



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TESTS
RESULTS
**4. DETERMINATION OF FORMALDEHYDE
ISO 14184-1 :2011**

Part 1: Free and hydrolyzed formaldehyde (water extraction method).

Analysis was conducted with UV/VIS Spectrophotometer.

FORMALDEHYDE CONCENTRATION

N.D

Note:

n.d - not detectable

Detection Limit = 16 ppm

5. Phthalates

Test Method: With reference to CPSC-CH-C1001-09.4. Analysis was performed by GC-MS

Phthalates	CAS No.	Results	Detection Limit
Dibutylphthalate (DBP)	84-74-2	n.d	50 mg/kg
Benzylbutylphthalate (BBP)	85-68-7	n.d	50 mg/kg
Bis-(2-ethylhexy) phthalate (DEHP)	117-81-7	n.d	50 mg/kg
Di-isononylphthalate (DINP)	28553-12-0	n.d	50 mg/kg
Di-octylphthalate (DNOP)	117-84-0	n.d	50 mg/kg
Di-isodecylphthalate (DIDP)	26761-40-0	n.d	50 mg/kg
Di-isodecylphthalate (DIBP)	84-69-5	n.d	50 mg/kg
Din-n-Hexylphthalate (DnHP)	84-75-3	n.d	50 mg/kg
Dimethyl Phthalate (DMP)	131-11-3	n.d	50 mg/kg
Diethyl Phthalate (DEP)	84-66-2	n.d	50 mg/kg
Dipentyl Phthalate (DPENP/DnPP)	131-18-0	n.d	50 mg/kg
Dicyclohexyl Phthalate (DCHP)	84-61-7	n.d	50 mg/kg
Sum of All Phthalate	--	n.d	50 mg/kg

Conclusion:

PASS

Note:

n.d.

=

not detected

Mg/kg

=

ppm

Requirements:

1000 mg/kg (sum of all phthalates)

500 mg/kg (Each of all Phthalates)

(Measurement of Uncertainty Will be Provided on Client Request)

(*) Test not covered by accreditation scope.


MANAGER OPERATION

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END OF REPORT