



Texanlab Laboratories Pvt. Ltd.

Textile & Analytical Laboratory

CIN : U33125MH1995PTC090076

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E MAIL TEST REPORT

| | | |
|--|----------------------|-----------------------------|
| M/s. NATURAL SPIRIT EXPERIENCE (NASPEX) BAUER FRANZ, JOHAN ROITHNERSTRASSE 79. 4050 TRAUN, AUSTRIA | Date of delivery | 28-09-2017 |
| | Report No. | 11155762-Eco |
| | Sample | Garment |
| | Sent by | Mr. Vishal |
| | Date of receipt | 26/09/2017 |
| | Date of testing from | 26/09/2017 to 28/09/2017 |

TEST REPORT

Test for the detection of Banned Amines :

Textile & Textile articles : EN 14362-1 : 2012

4-Aminoazobenzene : EN 14362-3 : 2012

Leather : ISO 17234

Typical acceptance value : 20 mg/kg

| Sr. No. | Amine | CAS Number | Result |
|---------|---|------------|--------------|
| 1 | 4-Aminobiphenyl | 92-67-1 | Not detected |
| 2 | Benzidine | 92-87-5 | Not detected |
| 3 | 4-Chloro-o-toluidine | 95-69-2 | Not detected |
| 4 | 2-Naphthylamine | 91-59-8 | Not detected |
| 5 | o-Aminoazotoluene * | 97-56-3 | Not detected |
| 6 | 5-Nitro-o-toluidine ** | 99-55-8 | Not detected |
| 7 | 4-Chloroaniline | 106-47-8 | Not detected |
| 8 | 2,4-Diaminoanisole | 615-05-4 | Not detected |
| 9 | 4,4'-Diaminodiphenylmethane | 101-77-9 | Not detected |
| 10 | 3,3'-Dichlorobenzidine | 91-94-1 | Not detected |
| 11 | 3,3'-Dimethoxybenzidine | 119-90-4 | Not detected |
| 12 | 3,3'-Dimethylbenzidine | 119-93-7 | Not detected |
| 13 | 3,3'-Dimethyl-4,4'-Diaminodiphenylmethane | 838-88-0 | Not detected |
| 14 | p-Cresidine | 120-71-8 | Not detected |
| 15 | 4,4'-Methylene-bis-(2-chloroaniline) | 101-14-4 | Not detected |
| 16 | 4,4'-Oxydianiline | 101-80-4 | Not detected |
| 17 | 4,4'-Thiodianiline | 139-65-1 | Not detected |
| 18 | o-Toluidine | 95-53-4 | Not detected |
| 19 | 2,4'-Toluyldiamine | 95-80-7 | Not detected |
| 20 | 2,4,5-Trimethylaniline | 137-17-7 | Not detected |
| 21 | o-Anisidine | 90-04-0 | Not detected |
| 22 | 4-Aminoazobenzene *** | 60-09-3 | Not detected |
| 23 | 2,4-Xylidine | 95-68-1 | Not detected |
| 24 | 2,6-Xylidine | 87-62-7 | Not detected |
| | Conclusion | | PASS |

Notes

- Method detection limit : 5 mg/kg
- If present, *o-Aminoazotoluene is further reduced to o-Toluidine during analysis
- If present, ** 5-Nitro-o-toluidine is further reduced to 2,4'-Toluyldiamine during analysis
- Azo colorants that are able to form 4-aminoazobenzene, generate under the condition of this method aniline and 1,4-phenylenediamine. Therefore the test method of EN 14362-3 : 2012 is employed to verify the presence of 4-aminoazobenzene.

Sample des. : Sample submitted for analysis comprised base fabric, print, tape, label and thread.

AUTHORISED SIGNATORY
(K. MHATRE)

Tested sample not drawn by the laboratory.

The test report pertains to the characteristics of the sample received for testing.

The test report shall not to be reproduced except in full, without written approval of the laboratory. **ss**

This email test report is being sent for advance information only. For verification and authentication of results, please refer only to our original reports, which have both our signature and seal.



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DIGITAL IMAGE OF SUBMITTED SAMPLE



AUTHORISED SIGNATORY
(K. MHATRE)