



South Asia

Test Report No.RPT/L(A)/18/000388

Dated 2018-01-13



Laboratory:
TUV SÜD South Asia Pvt. Ltd.
S.F.No.139/1B,Ammananthangal
Village,Chennai-Bangalore Road(NH-46) Walajapet,
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ControlNO:15362240.090118.030

Regd. Office:
TUV SUD South Asia Pvt. Ltd.
Off Saki Vihar Road, Saki
naka, Andheri (East),
Mumbai-400072. India

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Page 1 of 9



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Applicant : **N S BANDS**
3/212,PUDUR KADAMPATTY,
PERIYA KADAMPATTY POST, THARAMANGALAM ,
Salem;Tamil Nadu-636502
India

Attention : Mr. R. VENKATESH,

Test Sample : Received on 2018-01-09 10:50 am

Test Period : 2018-01-09 to 2018-01-13

Sample Description : Sample A:ELASTIC - 10 mm in Color : ROHWEIB

Name of Buyer/ Destination : **Self Reference**

Note : The submitted Samples were not drawn by laboratory.

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Note: The test report is electronically generated. Hence original signature is not required.

Note : (1) The results relate only to the items tested, (2) The test report shall not be reproduced except in full without the written approval of the laboratory,

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Purpose of Examination / Conclusion

| Test | Results |
|---|--------------|
| CARCINOGENIC DYES | Refer Result |
| CHLORINATED PHENOLS | Refer Result |
| LEAD CONTENT | Refer Result |
| ALLERGENIC DISPERSE DYES | Refer Result |
| ORGANOTIN COMPOUNDS | Refer Result |
| AZO AMINES | Refer Result |
| PHTHALATES | Refer Result |
| FORMALDEHYDE | Refer Result |
| ALKYLPHENOL AND ALKYLPHENOL ETHOXYLATES | Refer Result |

Authorised By

C. Arun
(Authorised Signatory)

Please contact :

For any technical issues : R Mahalakshmi at Mahalakshmi.R@tuv-sud.in

For any complaint : Rajasekar M at Rajasekar.M@tuv-sud.in.

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Material List (As Identified By Laboratory)

| Material No. | Component | Material | Color | Remark |
|--------------|-----------|---------------------|-------------|--------|
| A1 | Elastic | Synthetic / Polymer | White/Black | |

Result Conclusion

| Test | Composite Sampling (Material No.) | Conclusion | Remarks |
|---|-----------------------------------|--------------|---------|
| CARCINOGENIC DYES | A1 | Refer Result | |
| CHLORINATED PHENOLS | A1 | Refer Result | |
| LEAD CONTENT | A1 | Refer Result | |
| ALLERGENIC DISPERSE DYES | A1 | Refer Result | |
| ORGANOTIN COMPOUNDS | A1 | Refer Result | |
| AZO AMINES | A1 | Refer Result | |
| PHTHALATES | A1 | Refer Result | |
| FORMALDEHYDE | A1 | Refer Result | |
| ALKYLPHENOL AND ALKYLPHENOL ETHOXYLATES | A1 | Refer Result | |

1.0 CARCINOGENIC DYES

Test Method : Based on DIN 54231, Equipment Used : LC-MS/MS

| | CAS No. | A1 (mg/L) |
|--------------------|-----------|--------------|
| ACID RED 26 | 3761-53-3 | Not Detected |
| BASIC RED 9 | 569-61-9 | Not Detected |
| BASIC VIOLET 14 | 632-99-5 | Not Detected |
| DIRECT BLACK 38 | 1937-37-7 | Not Detected |
| DIRECT BLUE 6 | 2602-46-2 | Not Detected |
| DIRECT RED 28 | 573-58-0 | Not Detected |
| DISPERSE YELLOW 3 | 2832-40-8 | Not Detected |
| DISPERSE ORANGE 11 | 82-28-0 | Not Detected |
| DISPERSE BLUE 1 | 2475-45-8 | Not Detected |

Limit of Quantification : 1 mg/L

Client Specification

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Page 4 of 9



South Asia

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2.0 CHLORINATED PHENOLS

Test Method: Based on: For Leather ISO 17070 - KOH extraction with 16 hrs incubation, For Textiles LFGB 64 82.02. part 8 KOH extraction with 16 hrs incubation, Equipment Used: GC-MS

| | A1 (mg/kg) |
|-----------------------------|--------------|
| PENTACHLOROPHENOL | Not Detected |
| 2,4,5 - TRICHLOROPHENOL | Not Detected |
| 2,3,4 - TRICHLOROPHENOL | Not Detected |
| 2,4,6 - TRICHLOROPHENOL | Not Detected |
| 2,3,6 - TRICHLOROPHENOL | Not Detected |
| 2,3,5 - TRICHLOROPHENOL | Not Detected |
| 3,4,5 - TRI CHLOROPHENOL | Not Detected |
| 2,3,5,6 - TETRACHLOROPHENOL | Not Detected |
| 2,3,4,6 - TETRACHLOROPHENOL | Not Detected |
| 2,3,4,5 - TETRACHLOROPHENOL | Not Detected |

Limit of Quantification : 0.05 mg/kg

Client
Specification

3.0 LEAD CONTENT

Test Method : Based on ISO 17072-2 : 2011, Equipment used : ICP-OES

| | A1 (mg/kg) |
|--------------|------------|
| Lead Content | <10 |

Limit of Quantification: 10 mg/kg

Client
Specification



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4.0 ALLERGENIC DISPERSE DYES

Test Method : Based on DIN 54231, Equipment Used : LC-MS/MS

| DYE | CAS No. | A1 (mg/L) | Client Specification |
|--------------------------|------------|--------------|----------------------|
| DISPERSE BLUE 1 | 2475-45-8 | Not Detected | |
| DISPERSE BLUE 3 | 2475-46-9 | Not Detected | |
| DISPERSE BLUE 7 | 3179-90-6 | Not Detected | |
| DISPERSE BLUE 26 | 3860-63-7 | Not Detected | |
| DISPERSE BLUE 35 | 12222-75-2 | Not Detected | |
| DISPERSE BLUE 102 | 12222-97-8 | Not Detected | |
| DISPERSE BLUE 106 | 12223-01-7 | Not Detected | |
| DISPERSE BLUE 124 | 61951-51-7 | Not Detected | |
| DISPERSE BROWN 1 | 23355-64-8 | Not Detected | |
| DISPERSE RED 1 | 2872-52-8 | Not Detected | |
| DISPERSE RED 11 | 2872-48-2 | Not Detected | |
| DISPERSE RED 17 | 3179-89-3 | Not Detected | |
| DISPERSE ORANGE 1 | 2581-69-3 | Not Detected | |
| DISPERSE ORANGE 3 | 730-40-5 | Not Detected | |
| DISPERSE ORANGE 149 | 82-28-0 | Not Detected | |
| DISPERSE ORANGE 37/76/59 | 13301-61-6 | Not Detected | |
| DISPERSE ORANGE 76 | 12223-33-5 | Not Detected | |
| DISPERSE YELLOW 23 | 6250-23-3 | Not Detected | |
| DISPERSE YELLOW 1 | 119-15-3 | Not Detected | |
| DISPERSE YELLOW 3 | 2832-40-8 | Not Detected | |
| DISPERSE YELLOW 9 | 6373-73-5 | Not Detected | |
| DISPERSE YELLOW 39 | 12236-29-2 | Not Detected | |
| DISPERSE YELLOW 49 | 54824-37-2 | Not Detected | |

Limit of Quantification : 1 mg/L

5.0 ORGANOTIN COMPOUNDS

Test Method : Based on CEN/ISO/TS 16179, Equipments used : GC-MS

| COMPOUNDS | CAS. NO | A1 (mg/kg) | Client Specification |
|--------------------|-------------|--------------|----------------------|
| Tributyltin(TBT) | 36643-28-4 | Not Detected | |
| Monobutyltin(MBT) | 78763-54-9 | Not Detected | |
| Dibutyltin(DBT) | 14488-53-0 | Not Detected | |
| Dioctyltin(DOT) | 250252-87-0 | Not Detected | |
| Triphenyltin(TPhT) | 668-34-8 | Not Detected | |

Limit Of Quantification: 0.025 mg/kg



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6.0 AZO AMINES

Test Method: Based on For Leather: EN ISO 17234-1&2, Textile: EN 14362-1& 3:2017, Equipments used: GC-MS / UPLC-DAD

| AMINES | CAS-NO | A1 (mg/kg) |
|--|----------|--------------|
| 4-AMINOBIIPHENYL | 92-67-1 | Not Detected |
| BENZIDINE | 92-87-5 | Not Detected |
| 4-CHLORO-O-TOLUIDINE | 95-69-2 | Not Detected |
| 2-NAPHTHYLAMINE | 91-59-8 | Not Detected |
| O-AMINOAZOTOLUENE | 97-56-3 | Not Detected |
| 2-AMINO-4-NITROTOLUENE | 99-55-8 | Not Detected |
| P-CHLOROANILINE | 106-47-8 | Not Detected |
| 2,4-DIAMINOANISOLE | 615-05-4 | Not Detected |
| 4,4'-DIAMINODIPHENYLMETHANE | 101-77-9 | Not Detected |
| 3,3'-DICHLOBENZIDINE | 91-94-1 | Not Detected |
| 3,3'-DIMETHOXYBENZIDINE | 119-90-4 | Not Detected |
| 3,3'-DIMETHYLBENZIDINE | 119-93-7 | Not Detected |
| 3,3'-DIMETHYL-4,4'DIAMINODIPHENYLMETHANE | 838-88-0 | Not Detected |
| P-CRESIDINE | 120-71-8 | Not Detected |
| 4,4'-METHYLENE-BIS-(2-CHLOROANILINE) | 101-14-4 | Not Detected |
| 4,4'-OXYDIANILINE | 101-80-4 | Not Detected |
| 4,4'-THIODIANILINE | 139-65-1 | Not Detected |
| O-TOLUIDINE | 95-53-4 | Not Detected |
| 2,4-TOLUYLENDIAMINE | 95-80-7 | Not Detected |
| 2,4,5-TRYMETHYLANILINE | 137-17-7 | Not Detected |
| 2-METHOXYANILINE | 90-04-0 | Not Detected |
| P-AMINOAZOBENZENE | 60-09-3 | Not Detected |
| 2,4-XYLIDINE | 95-68-1 | Not Detected |
| 2,6-XYLIDINE | 87-62-7 | Not Detected |

Limit Of Quantification: 5 mg/kg

Client
Specification



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7.0 PHTHALATES

Test Method : Based on EN 14372, Equipment used : GC-MS

| Phthalate Esters | CAS No. | A1 (mg/kg) | Client Specification |
|----------------------------------|-----------------------|--------------|----------------------|
| DIBUTYLPHTHALATE(DBP) | 84-74-2 | Not Detected | |
| DI(2-ETHYLHEXYL) PHTHALATE(DEHP) | 117-81-7 9 | Not Detected | |
| BUTYLBENZYL PHTHALATE(BBP) | 85-68-7 9 | Not Detected | |
| DI-ISO-NONYLPHTHALATE(DINP) | 28553-12-0/68515-45-0 | Not Detected | |
| DI-n-OCTYLPHTHALATE(DNOP) | 117-84-0 | Not Detected | |
| DI-ISO-DECYL PHTHALATE(DIDP) | 26761-40-0/68515-49-1 | Not Detected | |
| DIISOBUTYLPHTHALATE(DIBP) | 84-69-5 | Not Detected | |
| DI-N-HEXYL PHTHALATE(DnHP) | 84-75-3 | Not Detected | |

Limit of Quantification : 100 mg/kg

8.0 FORMALDEHYDE

Test Method : ISO 17226-1, Equipment used: UV-VIS Spectrophotometer

| | A1 (mg/kg) | Client Specification |
|--------------|----------------------|----------------------|
| Formaldehyde | 50-00-0 Not Detected | |

Limit of Quantification: 10 mg/kg



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9.0 ALKYLPHENOL AND ALKYLPHENOL ETHOXYLATES

Test Method : Polymers: extraction with solvent, GC-MS (for NP and OP), LC-MS (for NPEO and OPEO) analysis; Textiles: ISO 18254;
Leather: ISO 18218-1, Equipment used :GC-MS(for NP & OP) & LC-MS(for NPEO & OPEO)

A1 (mg/kg)

Client
Specification

| | |
|-------------------------------|--------------|
| Nonylphenol (NP) | Not Detected |
| Octylphenol (OP) | Not Detected |
| Nonylphenoethoxylates (NPEO) | Not Detected |
| Octylphenoethoxylates (OPEOs) | Not Detected |

Limit of Quantification : NPEO, OPEO ; 20 mg/kg, NP,OP: 10 mg/kg

- END OF TEST REPORT -

