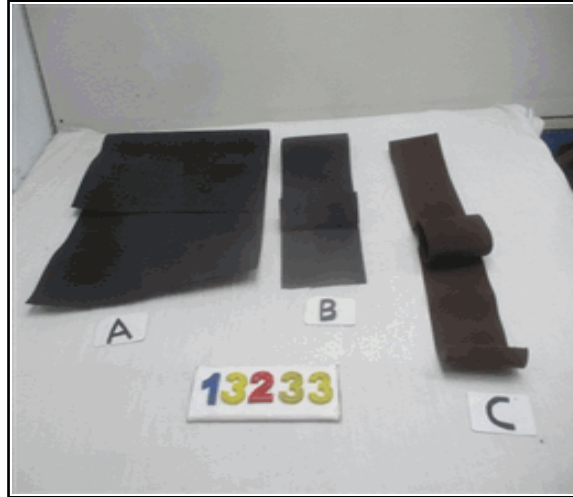


TEST REPORT



Test Report No.GGN/T(LA)/26/013233/1-2
Dated 2026-05-05



Laboratory:
TUV SUD South Asia Pvt. Ltd.
373, Udyog Vihar, Phase-2,
Gurugram, Haryana-122016, India,
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Gurugram122016,GST No. :06AABCT0716G1ZR

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ControlNo:15390240.230326.174

Regd. Office:
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Vihar Road, Saki naka, Andheri (East),
Mumbai-400072. India

TEST REPORT



Test Report No.GGN/T(LA)/26/013233/1-2
Dated 2026-05-05

Applicant : **R.S.ENTERPRISE**
PLOT NO112,SECTOR- 12-A,HALWAI KI BAGICHI,opposite
Basant Garden
Agra,Uttar Pradesh,India,282010

Attention : Rakshit, Rakshit Sharma,

Test Sample : Received on 2026-03-20 2:20 pm

Test Period : 2026-04-02 to 2026-05-05

Sample Description : Sample A:400mm black elastic in Color : Black
Sample B: 150MM Supreme black elastic in color : Black
Sample C: 100MM Supreme brown elastic in color : Brown

Style Name : Not Provided

Order No. : Not Provided

Fiber Content : 80% Polyester Yarn 20% Latex Rubber

Product Type /End Use : Shoe Elastic

Name of Buyer/ Destination : **ASTORMUELLER SHOES (self reference)**

Note : The submitted Samples were not drawn by laboratory.

Unless otherwise agreed upon, PASS or FAIL verdicts are given based on the measured values without any considerations of measurement uncertainties. Every test method has a measurement uncertainty which has been evaluated by the laboratory and are available on request. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as PASS nor as FAIL

1. The testing conditions are followed as per the reported test standard and the test results are reported in accordance with the relevant standard's reporting guideline. Additional test condition beyond those reported can be obtained by contacting the laboratory.
2. The laboratory will retain the sample(s) for 45 days except for the mandatory retention period specified by the Regulatory Bodies and unless otherwise specified by the client.

By accepting this document the customer hereby agrees and accepts the 'Terms & Conditions' and the relevant 'Testing & Certification Regulations' of TÜV SÜD South Asia Pvt. Ltd. which are available at Company's website at the link <https://www.tuvsud.com/en-in/terms-and-conditions>

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, (3) Any use for advertising purposes must be granted in writing. This technical report may only be quoted in full. This report is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in regular production. For further details, please see testing and certification regulation, chapter A-3.4. (4) The correctness of the information related to sample(s) in the Test Request Form/Customer letterhead/Email is the customer's responsibility. The laboratory reports the said information in the test report and is not liable for the same.

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TEST REPORT



Test Report No.GGN/T(LA)/26/013233/1-2

Dated 2026-05-05

Result Summary / Conclusion

<u>Test</u>	<u>Result</u>
Dimethylfumarate (DMFu)	PASS
Organotin Compounds	PASS
Chlorinated Phenol	PASS
Free Formaldehyde	PASS
Detection of Banned Amines	PASS
Polycyclic Aromatic Hydrocarbons (PAHs)	PASS
Allergenic Disperse Dye	PASS
Carcinogenic Dyes	PASS
Blue Colorants	PASS
Alkylphenols and Alkylphenol Ethoxylates	PASS
Preserving Agents	PASS
Chlorinated Benzenes and Toulenes	PASS
p-Phenylendiamine	PASS
Soluble Heavy Metals	PASS
Dyestuff-Others	PASS

Remark : .

Authorised By

Gadadhar Panda
(Authorised Signatory)

Please contact :

For any technical issues : Banerjee Tirtha at Tirtha.Banerjee@tuvsud.com

For any complaint : .Krishna Deori at Krishna.Deori@tuvsud.com.

TEST REPORT



Test Report No.GGN/T(LA)/26/013233/1-2

Dated 2026-05-05

Test Result

Material List (As Identified By Laboratory)

Component no	Component Description With Color	Material	Remark
A	Elastic(400 mm) in color black	Synthetic textile	
B	Elastic(150 mm) in color black	Synthetic textile	
C	Elastic(100 mm) in color brown	Synthetic textile	

Result Conclusion :

S.No.	Test	Composite Sampling (Material no.)	Conclusion	Remarks
1	Dimethylfumarate (DMFu)	A + B	PASS	
2	Dimethylfumarate (DMFu)	C	PASS	
3	Chlorinated Phenol	A + B + C	PASS	
4	Free Formaldehyde	A + B + C	PASS	
5	Detection of Banned Amines	A + B + C	PASS	
6	Polycyclic Aromatic Hydrocarbons (PAHs)	A + B	PASS	
7	Polycyclic Aromatic Hydrocarbons (PAHs)	C	PASS	
8	Allergenic Disperse Dye	A + B + C	PASS	
9	Carcinogenic Dyes	A + B + C	PASS	
10	Blue Colorants	A	PASS	
11	Blue Colorants	B	PASS	
12	Blue Colorants	C	PASS	
13	Alkylphenols and Alkylphenol Ethoxylates	A + B + C	PASS	
14	Chlorinated Benzenes and Toulenes	A + B + C	Refer Result	
15	Chlorinated Benzenes and Toulenes	A	PASS	
16	Chlorinated Benzenes and Toulenes	B	PASS	
17	Chlorinated Benzenes and Toulenes	C	PASS	
18	p-Phenylendiamine	A + B + C	PASS	
19	Soluble Heavy Metals	A	PASS	
20	Soluble Heavy Metals	B	PASS	

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Test Report No.GGN/T(LA)/26/013233/1-2
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Result Conclusion :

S.No.	Test	Composite Sampling (Material no.)	Conclusion	Remarks
21	Soluble Heavy Metals	C	PASS	
22	Dyestuff-Others	A + B + C	PASS	
23	Organotin Compounds	A + B + C	PASS	
24	Preserving Agents	A + B + C	PASS	



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TEST REPORT



Test Report No.GGN/T(LA)/26/013233/1-2
Dated 2026-05-05

Test Results - Accredited Parameters

1.0 Dimethylfumarate (DMFu)

Test Method Based on Leather: EN ISO 16186:2021, Textile: EN 17130:2019, Equipment Used: GC-MS

		A + B (mg/kg)	C (mg/kg)	Client Specs
Di Methyl Fumarate (DMFu)	624-49-7	Not detected	Not detected	0.1 mg/kg

Limit of Quantification: 0.05 mg/kg (Milligram Per Kilogram)



TEST REPORT



Test Report No.GGN/T(LA)/26/013233/1-2

Dated 2026-05-05

2.0 Chlorinated Phenol

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

		A + B + C (mg/kg)	Client Specs
2,4,5 – Trichlorophenol	95-95-4	Not detected	2 mg/kg
2,4,6 – Trichlorophenol	88-06-02	Not detected	2 mg/kg
2,3,4 – Trichlorophenol	15950-66-0	Not detected	2 mg/kg
2,3,5 – Trichlorophenol	933-78-8	Not detected	2 mg/kg
2,3,6 – Trichlorophenol	933-75-5	Not detected	2 mg/kg
3,4,5 – Trichlorophenol	609-19-8	Not detected	2 mg/kg
2,3,5,6-Tetrachlorophenol	935-95-5	Not detected	2 mg/kg
2,3,4,6-Tetrachlorophenol	58-90-2	Not detected	2 mg/kg
2,3,4,5-Tetrachlorophenol	4901-51-3	Not detected	2 mg/kg
Pentachlorophenol (PCP)	87-86-5	Not detected	1 mg/kg
2-Chlorphenol	95-57-8	Not detected	2 mg/kg
3-Chlorphenol	108-43-0	Not detected	2 mg/kg
4-Chlorphenol	106-48-9	Not detected	2 mg/kg
2,3-Dichlorphenol	576-24-9	Not detected	2 mg/kg
2,4-Dichlorphenol	120-83-2	Not detected	2 mg/kg
2,5-Dichlorphenol	583-78-8	Not detected	2 mg/kg
2,6-Dichlorphenol	87-65-0	Not detected	2 mg/kg
3,4-Dichlorphenol	95-77-2	Not detected	2 mg/kg
3,5-Dichlorphenol	591-35-5	Not detected	2 mg/kg

Limit of quantification: 0.05 mg/kg (Milligram Per Kilogram)

TEST REPORT



Test Report No.GGN/T(LA)/26/013233/1-2
Dated 2026-05-05

3.0 Free Formaldehyde

Test Method Based on EN ISO 17226-1:2021 (Leather), EN ISO 14184-01:2011 & prEN ISO 14184-3:2023 (Textile), EN 717-3:1996 (Wood), Equipment Used: UV-VIS Spectrophotometer

		A + B + C (mg/kg)	Client Specs
Formaldehyde	50-00-0	Not detected	75 mg/kg

Limit of quantification: 10.0 mg/kg (Milligram Per Kilogram)



TEST REPORT



Test Report No.GGN/T(LA)/26/013233/1-2

Dated 2026-05-05

4.0 Detection of Banned Amines

Based on EN ISO 14362-1:2017 + EN ISO 14362-3:2017, Equipment used: GC-MS/UPLC-DAD

Analytes	CAS No.	A + B + C (mg/kg)	Client Specs
4-chloro-o-toluidinium chloride	3165-93-3	Not detected	20 mg/kg Each
2-Naphthylammoniumacetate	553-00-4	Not detected	
2,4,5-trimethylaniline hydrochloride	21436-97-5	Not detected	
4-Methoxy-m- phenylene- diaminoanisoie sulphate	39156-41-7	Not detected	
4-aminobiphenyl	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	
5-nitro-o-toluidine	99-55-8	Not detected	
p-chloroaniline	106-47-8	Not detected	
2,4-diaminoanisoie	615-05-4	Not detected	
4-4'-diaminodiphenylmethane	101-77-9	Not detected	
3,3'-dichlorobenzidine	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-Toluenediamine	95-80-7	Not detected	
2,4,5-Trimethylaniline	137-17-7	Not detected	
o-Anisidine	90-04-0	Not detected	
p-aminoazobenzene	60-09-3	Not detected	
2,4-xylydine	95-68-1	Not detected	

TEST REPORT



Test Report No.GGN/T(LA)/26/013233/1-2
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2,6-xylidine

87-62-7

Not detected

Limit of quantification: 5.0 mg/kg (Milligram Per Kilogram)



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Dated 2026-05-05

5.0 Polycyclic Aromatic Hydrocarbons (PAHs)

Based on AfPS-GS-2019-01-PAK, Equipment Used- GC-MS

Analytes	CAS No.	A + B (mg/kg)	Client Specs
Benzo[a]pyrene	50-32-8	Not detected	0.5 mg/kg
Benzo[e]pyrene	192-97-2	Not detected	0.5 mg/kg
Benzo[a]anthracene	56-55-3	Not detected	0.5 mg/kg
Dibenzo[a,h]anthracene	53-70-3	Not detected	0.5 mg/kg
Benzo[b]fluoranthene	205-99-2	Not detected	0.5 mg/kg
Benzo[j]fluoranthene	205-82-3	Not detected	0.5 mg/kg
Benzo[k]fluoranthene	207-08-9	Not detected	0.5 mg/kg
Chrysene	218-01-9	Not detected	0.5 mg/kg
Acenaphathene	83-32-9	Not detected	--
Acenaphthylene	208-96-8	Not detected	--
Anthracene	120-12-7	Not detected	--
Benz[ghi]perylene	191-24-2	Not detected	--
Fluoranthene	206-44-0	Not detected	--
Fluroene	86-73-7	Not detected	--
Indeono[1,2,,3-cd]pyrene	193-39-5	Not detected	--
Naphthalene	91-20-3	Not detected	10 mg/kg
Phenanthrene	85-01-8	Not detected	--
Pyrene	129-00-0	Not detected	--
Dibenzo(a,e)pyrene	192-65-4	Not detected	--
Sum of All	-	Not detected	10 mg/kg

Limit of Quantification 0.2 mg/kg (Milligram Per Kilogram)

TEST REPORT



Test Report No.GGN/T(LA)/26/013233/1-2
Dated 2026-05-05

Analytes	CAS No.	C (mg/kg)	Client Specs
Benzo[a]pyrene	50-32-8	Not detected	0.5 mg/kg
Benzo[e]pyrene	192-97-2	Not detected	0.5 mg/kg
Benzo[a]anthracene	56-55-3	Not detected	0.5 mg/kg
Dibenzo[a,h]anthracene	53-70-3	Not detected	0.5 mg/kg
Benzo[b]fluoranthene	205-99-2	Not detected	0.5 mg/kg
Benzo[j]fluoranthene	205-82-3	Not detected	0.5 mg/kg
Benzo[k]fluoranthene	207-08-9	Not detected	0.5 mg/kg
Chrysene	218-01-9	Not detected	0.5 mg/kg
Acenaphathene	83-32-9	Not detected	--
Acenaphthylene	208-96-8	Not detected	--
Anthracene	120-12-7	Not detected	--
Benz[ghi]perylene	191-24-2	Not detected	--
Fluoranthene	206-44-0	Not detected	--
Fluroene	86-73-7	Not detected	--
Indeono[1,2,,3-cd]pyrene	193-39-5	Not detected	--
Naphthalene	91-20-3	Not detected	10 mg/kg
Phenanthrene	85-01-8	Not detected	--
Pyrene	129-00-0	Not detected	--
Dibenzo(a,e)pyrene	192-65-4	Not detected	--
Sum of All	-	Not detected	10 mg/kg

Limit of Quantification 0.2 mg/kg (Milligram Per Kilogram)

TEST REPORT



Test Report No.GGN/T(LA)/26/013233/1-2

Dated 2026-05-05

6.0 Allergenic Disperse Dye

Test Method Based on DIN 54231 : 2022, Equipment used: LC-MS

Analytes	CAS No.	A + B + C (mg/kg)	Client Specs
Disperse Orange 11	82-28-0	Not detected	50 mg/kg
Disperse Yellow 7	6300-37-4	Not detected	
Disperse Yellow 56	54077-16-6	Not detected	
Disperse Orange 76	13301-61-6	Not detected	
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 Orange 1	2581-69-3	Not detected	
Disperse Orange 3	730-40-5	Not detected	
Disperse orange 37	12223-33-5	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 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	
Disperse Yellow 23	6250-22-3	Not detected	
Disperse orange 149	85136-74-9	Not detected	

Limit of quantification: 1.0 mg/L or 15.0 mg/kg

TEST REPORT



Test Report No.GGN/T(LA)/26/013233/1-2
Dated 2026-05-05

7.0 Carcinogenic Dyes

Test Method Based on DIN 54231:2022, Equipment used: LC-MS

Analytes	CAS No.	A + B + C (mg/kg)	Client Specs
Basic Violet 3	548-62-9	Not detected	50 mg/kg
Disperse blue 1	2475-45-8	Not detected	
Basic Red 9	569-61-9	Not detected	
Basic Violet 14	632-99-5	Not detected	
Disperse Yellow 3	2832-40-8	Not detected	
Acid Red 26	3761-53-3	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 Orange 11	82-28-0	Not detected	
Disperse Yellow 23	6250-23-3	Not detected	
Disperse orange 149	85316-74-9	Not detected	

Limit of quantification: 1.0 mg/L or 15.0 mg/kg

8.0 Blue Colorants

Based on DIN 54231:2022, Equipment Used: LC-MS

	A (mg/kg)	B (mg/kg)	C (mg/kg)	Client Specs
Component 1: C39H23ClCrN7O12S.2N 118685-33-9	Not detected	Not detected	Not detected	Not detected

Limit of Quantification: 15.0 mg/kg (Milligram Per Kilogram)

TEST REPORT



Test Report No.GGN/T(LA)/26/013233/1-2
Dated 2026-05-05

9.0 Alkylphenols and Alkylphenol Ethoxylates

Test Method Based on EN ISO 18254-1:2016 (Textile), EN ISO 18218-1:2023 (Leather), Equipment used: LC-MS

		A + B + C (mg/kg)	Client Specs
Octylphenol (OP)	140-66-9 / 1806-26-4	Not detected	30 mg/kg
Nonylphenol (NP)	104-40-5 / 84852-15-3	Not detected	30 mg/kg
Nonylphenol ethoxylated (NPEO)	68412-54-4	Not detected	100 mg/kg
Octylphenol ethoxylated (OPEO)	9002-93-1	Not detected	100 mg/kg

Limit of quantification: 10.0 mg/kg (Milligram Per Kilogram)



TEST REPORT



Test Report No.GGN/T(LA)/26/013233/1-2 Dated 2026-05-05

10.0 Chlorinated Benzenes and Toulenes

Test Method Based EN 17137:2023 (Textile), Equipment used: GC-MS

		A + B + C (mg/kg)	Client Specs
1,2,3,4-Tetrachlorobenzene	634-66-2	Not detected	1 mg/kg Each
1,2,3,5-Tetrachlorobenzene	634-90-2	Not detected	∑ 10 mg/kg
1,2,3-Trichlorobenzene	87-61-6	Not detected	.
1,2,4,5-Tetrachlorobenzene	95-94-3	Not detected	.
1,2,4-Trichlorobenzene	120-82-1	Not detected	.
1,2-Dichlorobenzene	95-50-1	Not detected	10 mg/kg
1,3,5-Trichlorobenzene	108-70-3	Not detected	
1,4-Dichlorobenzene	106-46-7	0.53	
1,3-Dichlorobenzene	541-73-1	Not detected	
2,3,6-Trichlorotoluene	2077-46-5	Not detected	
2,3-Dichlorotoluene	32768-54-0	Not detected	
Pentachlorotoluene	877-11-2	Not detected	
2,4,5-Trichlorotoluene	6639-30-1	Not detected	
2,4-Dichlorotoluene	95-73-8	Not detected	
2,5-Dichlorotoluene	19398-61-9	Not detected	
2,6-Dichlorotoluene	118-69-4	Not detected	
2-Chlorotoluene	95-49-8	Not detected	
3,4-Dichlorotoluene	95-75-0	Not detected	
3-Chlorotoluene	108-41-8	Not detected	
4-Chlorotoluene	106-43-4	Not detected	
Pentachlorobenzene	608-93-5	Not detected	
2,3,4,5-Tetrachlorotoluene	76057-12-0	Not detected	
2,3,4,6-Tetrachlorotoluene	875-40-1	Not detected	
Chlorinated benzenes	-	Not detected	
Hexachlorbenzene	118-74-1	Not detected	
Chlorinated toluene	-	Not detected	
p-chlorobenzotrighloride	5216-25-1	Not detected	
Benzotrighloride	98-07-7	Not detected	

TEST REPORT



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Benzychloride
Limit of quantification: 0.025 mg/kg

100-44-7

Not detected



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Dated 2026-05-05

		A (mg/kg)	Client Specs
1,2,3,4-Tetrachlorobenzene	634-66-2	Not detected	1 mg/kg Each
1,2,3,5-Tetrachlorobenzene	634-90-2	Not detected	∑ 10 mg/kg
1,2,3-Trichlorobenzene	87-61-6	Not detected	.
1,2,4,5-Tetrachlorobenzene	95-94-3	Not detected	.
1,2,4-Trichlorobenzene	120-82-1	Not detected	.
1,2-Dichlorobenzene	95-50-1	Not detected	10 mg/kg
1,3,5-Trichlorobenzene	108-70-3	Not detected	
1,4-Dichlorobenzene	106-46-7	0.7	
1,3-Dichlorobenzene	541-73-1	Not detected	
2,3,6-Trichlorotoluene	2077-46-5	Not detected	
2,3-Dichlorotoluene	32768-54-0	Not detected	
Pentachlorotoluene	877-11-2	Not detected	
2,4,5-Trichlorotoluene	6639-30-1	Not detected	
2,4-Dichlorotoluene	95-73-8	Not detected	
2,5-Dichlorotoluene	19398-61-9	Not detected	
2,6-Dichlorotoluene	118-69-4	Not detected	
2-Chlorotoluene	95-49-8	Not detected	
3,4-Dichlorotoluene	95-75-0	Not detected	
3-Chlorotoluene	108-41-8	Not detected	
4-Chlorotoluene	106-43-4	Not detected	
Pentachlorobenzene	608-93-5	Not detected	
2,3,4,5-Tetrachlorotoluene	76057-12-0	Not detected	
2,3,4,6-Tetrachlorotoluene	875-40-1	Not detected	
Chlorinated benzenes	-	Not detected	
Hexachlorobenzene	118-74-1	Not detected	
Chlorinated toluene	-	Not detected	
p-chlorobenzotrichloride	5216-25-1	Not detected	
Benzotrichloride	98-07-7	Not detected	
Benzylchloride	100-44-7	Not detected	

TEST REPORT



Test Report No.GGN/T(LA)/26/013233/1-2
Dated 2026-05-05

Limit of quantification: 0.025 mg/kg



Laboratory:
TUV SUD South Asia Pvt. Ltd.
373, Udyog Vihar, Phase-2,
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Vihar Road, Saki naka, Andheri (East),
Mumbai-400072. India

TEST REPORT



Test Report No.GGN/T(LA)/26/013233/1-2

Dated 2026-05-05

		B (mg/kg)	Client Specs
1,2,3,4-Tetrachlorobenzene	634-66-2	Not detected	1 mg/kg Each
1,2,3,5-Tetrachlorobenzene	634-90-2	Not detected	∑ 10 mg/kg
1,2,3-Trichlorobenzene	87-61-6	Not detected	.
1,2,4,5-Tetrachlorobenzene	95-94-3	Not detected	.
1,2,4-Trichlorobenzene	120-82-1	Not detected	.
1,2-Dichlorobenzene	95-50-1	Not detected	10 mg/kg
1,3,5-Trichlorobenzene	108-70-3	Not detected	
1,4-Dichlorobenzene	106-46-7	0.8	
1,3-Dichlorobenzene	541-73-1	Not detected	
2,3,6-Trichlorotoluene	2077-46-5	Not detected	
2,3-Dichlorotoluene	32768-54-0	Not detected	
Pentachlorotoluene	877-11-2	Not detected	
2,4,5-Trichlorotoluene	6639-30-1	Not detected	
2,4-Dichlorotoluene	95-73-8	Not detected	
2,5-Dichlorotoluene	19398-61-9	Not detected	
2,6-Dichlorotoluene	118-69-4	Not detected	
2-Chlorotoluene	95-49-8	Not detected	
3,4-Dichlorotoluene	95-75-0	Not detected	
3-Chlorotoluene	108-41-8	Not detected	
4-Chlorotoluene	106-43-4	Not detected	
Pentachlorobenzene	608-93-5	Not detected	
2,3,4,5-Tetrachlorotoluene	76057-12-0	Not detected	
2,3,4,6-Tetrachlorotoluene	875-40-1	Not detected	
Chlorinated benzenes	-	Not detected	
Hexachlorobenzene	118-74-1	Not detected	
Chlorinated toluene	-	Not detected	
p-chlorobenzotrichloride	5216-25-1	Not detected	
Benzotrichloride	98-07-7	Not detected	
Benzylchloride	100-44-7	Not detected	

TEST REPORT



Test Report No.GGN/T(LA)/26/013233/1-2
Dated 2026-05-05

Limit of quantification: 0.025 mg/kg



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TEST REPORT



Test Report No.GGN/T(LA)/26/013233/1-2

Dated 2026-05-05

		C (mg/kg)	Client Specs
1,2,3,4-Tetrachlorobenzene	634-66-2	Not detected	1 mg/kg Each
1,2,3,5-Tetrachlorobenzene	634-90-2	Not detected	∑ 10 mg/kg
1,2,3-Trichlorobenzene	87-61-6	Not detected	.
1,2,4,5-Tetrachlorobenzene	95-94-3	Not detected	.
1,2,4-Trichlorobenzene	120-82-1	Not detected	.
1,2-Dichlorobenzene	95-50-1	Not detected	10 mg/kg
1,3,5-Trichlorobenzene	108-70-3	Not detected	
1,4-Dichlorobenzene	106-46-7	0.8	
1,3-Dichlorobenzene	541-73-1	Not detected	
2,3,6-Trichlorotoluene	2077-46-5	Not detected	
2,3-Dichlorotoluene	32768-54-0	Not detected	
Pentachlorotoluene	877-11-2	Not detected	
2,4,5-Trichlorotoluene	6639-30-1	Not detected	
2,4-Dichlorotoluene	95-73-8	Not detected	
2,5-Dichlorotoluene	19398-61-9	Not detected	
2,6-Dichlorotoluene	118-69-4	Not detected	
2-Chlorotoluene	95-49-8	Not detected	
3,4-Dichlorotoluene	95-75-0	Not detected	
3-Chlorotoluene	108-41-8	Not detected	
4-Chlorotoluene	106-43-4	Not detected	
Pentachlorobenzene	608-93-5	Not detected	
2,3,4,5-Tetrachlorotoluene	76057-12-0	Not detected	
2,3,4,6-Tetrachlorotoluene	875-40-1	Not detected	
Chlorinated benzenes	-	Not detected	
Hexachlorobenzene	118-74-1	Not detected	
Chlorinated toluene	-	Not detected	
p-chlorobenzotrichloride	5216-25-1	Not detected	
Benzotrichloride	98-07-7	Not detected	
Benzylchloride	100-44-7	Not detected	

TEST REPORT



Test Report No.GGN/T(LA)/26/013233/1-2
Dated 2026-05-05

Limit of quantification: 0.025 mg/kg

11.0 p-Phenylendiamine

Based on ISO 14362-1, Equipment used: GC-MS/UPLC-DAD

		A + B + C (mg/kg)	Client Specs
p-Phenylendiamine (pPDA)	106-50-3	Not detected	Not detected

Limit of quantification: 5.0 mg/kg (Milligram Per Kilogram)



TEST REPORT



Test Report No.GGN/T(LA)/26/013233/1-2

Dated 2026-05-05

12.0 Soluble Heavy Metals

Test Method Based on EN ISO 17072-1:2019 (Leather), EN 16711-02:2016 (Textile and Other), Equipment used: ICP-MS

	A (mg/kg)	Limit of Quantification (mg/kg)	Client Specs
Chromium VI	Not detected	0.25	1.0 mg/kg
Antimony (Sb)	1.56	1.0	30 mg/kg
Arsenic (As)	Not detected	0.2	0.2 mg/kg
Selenium (Se)	Not detected	0.1	500 mg/kg
Cadmium (Cd)	Not detected	0.05	0.1 mg/kg
Cobalt (Co)	Not detected	0.05	4 mg/kg
Mercury (Hg)	Not detected	0.01	0.02 mg/kg
Lead (Pb)	Not detected	0.2	1 mg/kg
Copper (Cu)	Not detected	1.0	25 mg/kg
Nickel (Ni)	Not detected	0.25	4 mg/kg
Chromium (Cr)	Not detected	0.25	2 mg/kg
Barium	Not detected	5.0	1000 mg/kg
	B (mg/kg)	Limit of Quantification (mg/kg)	Client Specs
Chromium VI	Not detected	0.25	1.0 mg/kg
Antimony (Sb)	1.58	1.0	30 mg/kg
Arsenic (As)	Not detected	0.2	0.2 mg/kg
Selenium (Se)	Not detected	0.1	500 mg/kg
Cadmium (Cd)	Not detected	0.05	0.1 mg/kg
Cobalt (Co)	Not detected	0.05	4 mg/kg
Mercury (Hg)	Not detected	0.01	0.02 mg/kg
Lead (Pb)	Not detected	0.2	1 mg/kg
Copper (Cu)	Not detected	1.0	25 mg/kg
Nickel (Ni)	Not detected	0.25	4 mg/kg
Chromium (Cr)	Not detected	0.25	2 mg/kg
Barium	Not detected	5.0	1000 mg/kg

TEST REPORT



Test Report No.GGN/T(LA)/26/013233/1-2
Dated 2026-05-05

	C (mg/kg)	Limit of Quantification (mg/kg)	Client Specs
Chromium VI	Not detected	0.25	1.0 mg/kg
Antimony (Sb)	Not detected	1.0	30 mg/kg
Arsenic (As)	Not detected	0.2	0.2 mg/kg
Selenium (Se)	Not detected	0.1	500 mg/kg
Cadmium (Cd)	Not detected	0.05	0.1 mg/kg
Cobalt (Co)	Not detected	0.05	4 mg/kg
Mercury (Hg)	Not detected	0.01	0.02 mg/kg
Lead (Pb)	Not detected	0.2	1 mg/kg
Copper (Cu)	Not detected	1.0	25 mg/kg
Nickel (Ni)	Not detected	0.25	4 mg/kg
Chromium (Cr)	Not detected	0.25	2 mg/kg
Barium	Not detected	5.0	1000 mg/kg

13.0 Dyestuff-Others

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

		A + B + C (mg/kg)	Client Specs
Basic Blue 26	2580-56-5	Not detected	50 mg/kg
Solvent Yellow 2.	60-11-7	Not detected	
Solvent Yellow 14	842-07-9	Not detected	
Basic Violet 1	8004-87-3	Not detected	
Acid violet 49	1694-09-3	Not detected	

Limit of quantification: 1.0 mg/L or 15.0 mg/kg

TEST REPORT



Test Report No.GGN/T(LA)/26/013233/1-2
Dated 2026-05-05

Test Results - Non-Accredited Parameters

14.0 Organotin Compounds

Test Method Based on ISO 16179 : 2025 ; DIN SPEC 91179, Equipment used: GC-MS

		A + B + C (mg/kg)	Client Specs
Triphenyltin (TPHT)	668-34-8	Not detected	1 mg/kg
Dibutyltin (DBT)	14488-53-0	Not detected	5 mg/kg
Diocetyl tin (DOT)	250252-87-0	Not detected	5 mg/kg
Tetrabutyltin (TeBT)	1461-25-2	Not detected	5 mg/kg
Monobutyltin (MBT)	78763-54-9	Not detected	5 mg/kg
Tributyltin (TBT)	36643-28-4	Not detected	1 mg/kg
Triocetyl tin (TOT)	2587-76-0	Not detected	5 mg/kg
Tripropyltin (TPT)	688-73-3	Not detected	5 mg/kg
Dimethyltin (DMT)	753-73-1	Not detected	5 mg/kg
Trimethyltin (TMT)	1066-45-1	Not detected	5 mg/kg
Monooctylzinn (MOT)	94410-07-8	Not detected	5 mg/kg
Dibutyltin dichloride (DBTC)	683-18-1	Not detected	5 mg/kg
Tricyclohexyltin (TCyHT)	3091-32-5	Not detected	5 mg/kg
Bis (tributyltin)oxide (TBTO)	56-35-9	Not detected	1 mg/kg
Diphenyltin (DPHT)	1135-99-5	Not detected	5 mg/kg
Monophenyltin (MPHT)	2406-68-0	Not detected	5 mg/kg
Dipropyltin (DPT)	2406-60-2	Not detected	5 mg/kg

Limit of quantification: 0.025 mg/kg (Milligram Per Kilogram)

TEST REPORT



Test Report No.GGN/T(LA)/26/013233/1-2
Dated 2026-05-05

15.0 Preserving Agents

Test Method Based on Leather: EN ISO13365-1:2020 textile: EN 17134:2019, Equipment Used: UPLC-DAD

		A + B + C (mg/kg)	Client Specs
Triclosan	3380-34-5	Not Detected	50 mg/kg
2-Phenylphenol (OPP)	90-43-7	Not Detected	100 mg/kg

Limit of Quantification: 10 mg/kg

Tests subcontracted to other accredited TUV SUD laboratory.

- END OF TEST REPORT-

