



ULR -TC629321000073895F

TEST REPORT

Report No. : GR:TX:1241072576

DATE : 30/12/2021

**I K INTERNATIONAL**

15/264 CIVIL LINES

Uttar Pradesh, Kanpur-208001

INDIA

CONTACT PERSON : JAFAR KHALID

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :

PRODUCT DESCRIPTION	LEATHER
COLOUR	LEATHER ROYAL OX
ORDER NUMBER	UNI809 [JNPT-171221]
END USE	67307,67203,67206
COMPOSITION:	NOT PROVIDED
COUNTRY OF DESTINATION	100% LEATHER
COUNTRY OF ORIGIN	EUROPE
SAMPLE RECD ON	INDIA
	27-Dec-2021
	TESTING PERIOD : 27/12/2021 - 30/12/2021

TESTS	PASS	FAIL	REMARKS
AZO-AMINES	X		
SHORT CHAIN CHLORINATED PARAFFINS (SCCP) C10-C13	X		
FORMALDEHYDE CONTENT	X		
CHROMIUM -VI	X		
pH VALUE	X		

NOTE:

- 1.Submitted sample has been tested for supplier reference only.
- 2.The testing is performed for the SELF REFERENCE of the customer as per requested protocols.
3. Only selective tests are conducted as per Supplier's request.
4. The report is not generated in Buyer format ,as the same is for supplier reference only.

JOE No. : 2141852003

Page 1 of 7

Control No.:1241589180

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm and Terms and Conditions for electronic documents www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this 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.



ULR -TC629321000073895F

TEST REPORT

Report No. : GR:TX:1241072576

DATE : 30/12/2021



per pro SGS India Private Ltd.

PRAVABATI KHATUA

EXECUTIVE

Email your Test Report Related Enquiries at Feedback.SLT@sgs.com

JOE No. : 2141852003

Page 2 of 7

Control No.:1241589180

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm and Terms and Conditions for electronic documents www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this 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.

SGS India Pvt. Ltd. | Connectivity and Products Testing Laboratory, 226, Udyog Vihar, Phase I, Gurgaon - 122016, Haryana (India) Phone : + 0124-677 6300

Member of the SGS Group (SGS SA)

Report No. : GR:TX:1241072576

DATE : 30/12/2021



R E S U L T S

REQ

COMPONENT LIST /LIST OF MATERIALS

SAMPLE NO.	MATERIAL NO.	COMPONENT	MATERIAL	COLOR	FIBER TYPE*	REMARK
A	1	LEATHER	LEATHER	UNI809		

* This fiber type identification is for the selection of azo dye testing procedure.

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).



R E S U L T S

REQ

AZO-AMINES

According to ISO 17234-1:2015. Analysis was conducted with GC-MS / HPLC-DAD. Determination of 4-aminoazobenzene (CAS No.:60-09-3)-ISO 17234-2:2011, with the use of GC-MS/ HPLC-DAD.

Result

No.	Amines:	CAS-No.	Result
1	4-aminodiphenyl/xenylamine/Biphenyl-4-ylamine	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-aminoazotoluene/4-o-tolylazo-o-toluidine/4-amino-2',3'-dimethylazobenzene	97-56-3	n.d
6	2-amino-4-nitrotoluol/5-nitro-o-toluidine	99-55-8	n.d
7	p-chloranilin/4-chloroaniline	106-47-8	n.d
8	2,4-diaminoanisol/4-methoxy-m-phenylenediamine	615-05-4	n.d
9	4,4'-diaminodiphenylmethane/4,4-methylenedianiline	101-77-9	n.d
10	3,3'-dichlorobenzidine/3,3'dichlorobiphenyl-4,4'-ylenedi amine	91-94-1	n.d
11	3,3'-dimethoxybenzidine/o-dianisidine	119-90-4	n.d
12	3,3'-dimethylbenzidine/4,4'-bi-o-Toluidine	119-93-7	n.d
13	3,3'-dimethyl-4,4'-diaminodipenylmethane/4,4'-methylen edi-o-toluidine	838-88-0	n.d
14	p-cresidin/6-methoxy-m-toluidine	120-71-8	n.d
15	4,4'-methylen-bis-(2-chloro-aniline)/2,2'-dichloro-4,4'met hylene-dianiline	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/2-aminotoluene	95-53-4	n.d
19	2,4-toluylendiamine/4-methyl-m-phenylenediamine	95-80-7	n.d
20	2,4,5-trimethylaniline	137-17-7	n.d
21	4-aminoazobenzene	60-09-3	n.d
22	o-anisidine/ 2-methoxyaniline	90-04-0	n.d
23	2,4-Xylidine	95-68-1	n.d
24	2,6-Xylidine	87-62-7	n.d
	4-chloro-o-toluidinium chloride+		n.d
	2-Naphthylammoniumacetate+	553-00-4	n.d
	4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisole sulphate+	39156-41-7	n.d

Report No. : GR:TX:1241072576
DATE : 30/12/2021

R E S U L T S
REQ

2,4,5-trimethylaniline hydrochloride+	21436-97-5	n.d
Conclusion:	25	PASS

Note: n.d. = not detected

Reporting limit = 5 mg/kg (each)

Requirement: 20 mg/kg (each)

Remark: Whenever 4-aminodiphenyl (CAS number 92-67-1), 2-Naphthylamine (CAS number 91-59-8) and 4-methoxy-m-phenylene-diamine (CAS number 615-05-4) is found, the use of banned azo colorants cannot be reliably ascertained without additional information, e.g. the chemical structure of the colorants used.

In case polyurethane materials are used, e.g. PU foams and coatings and in prints, it cannot be ruled out that certain amines, e.g. 4,4'-methylene-dianiline (MDA, CAS number 101-77-9) and 2,4-toluylen-diamine (TDA, CAS number 95-80-7) are released from the PU component and not from a banned azo colorant.

In case of pigment prints care has to be taken that 4,4'-methylene-dianiline (MDA, CAS number 101-77-9) is not released from a source of banned azo colorants but from e.g. a chemical fixing agent.

The ISO 17234-1:2015 method will enable further cleavage of 4-aminoazobenzene to non-forbidden amines: aniline and 1,4-phenylenediamine. If aniline and/or 1,4-phenylenediamine is not found (i.e. 5mg/kg) by mentioned test method, test result for 4-aminoazobenzene (CAS no. 60-09-3) is considered as "not detected" (i.e. <5mg/kg). Otherwise, the test method of ISO 17234-2:2011 will employed to verify the presence of 4-aminoazobenzene.

SHORT CHAIN CHLORINATED PARAFFINS (SCCP) C10-C13
With reference to ISO 18219: 2015. Analysis was performed by GC-NCI-MS/ GC-ECD

Short Chain Chlorinated Paraffins (C10-C13)	Not detected	100 mg/kg
Reporting limit: 30 mg/kg.		

FORMALDEHYDE CONTENT
With reference to ISO 17226-2:2018/Analysis using UV-VIS Spectrophotometer

FORMALDEHYDE CONTENT	Not detected	75 mg/kg
Reporting limit: 16 mg/kg.		

CHROMIUM -VI
With reference to ISO 17075-1:2017. Analysis was performed by UV/VIS Spectrometry. (Aging condition: with reference to ISO 10195: 2018 Method A2)
Confirmation test was performed by ISO 17075-2:2017. Analysis was performed by HPLC-DAD or IC-UV.

Chromium (VI) (ISO 17075-1)	n.d	3 mg/kg
Chromium (VI) (ISO 17075-2)^	N.A	
Conclusion	PASS	

Note: n.d. = Not detected

 N.A. = ISO17075-2 is not applicable when Chromium (VI) is not detected by ISO 17075-1
 mg/kg = ppm

Report No. : GR:TX:1241072576

DATE : 30/12/2021



RESULTS

REQ

^ = Conclusion based on ISO 17075-2 confirmation test

Reporting limit = 1 mg/kg

Recovery rate: 80% - 120%

pH VALUE

According to EN ISO 4045:2018.

pH value	3.72	3.5-7.0
Difference figure	0.74	
Conclusion	PASS	

Note: Difference Figure is the difference between the pH value of solution and that of its ten-fold dilution.

***** End of Page*****

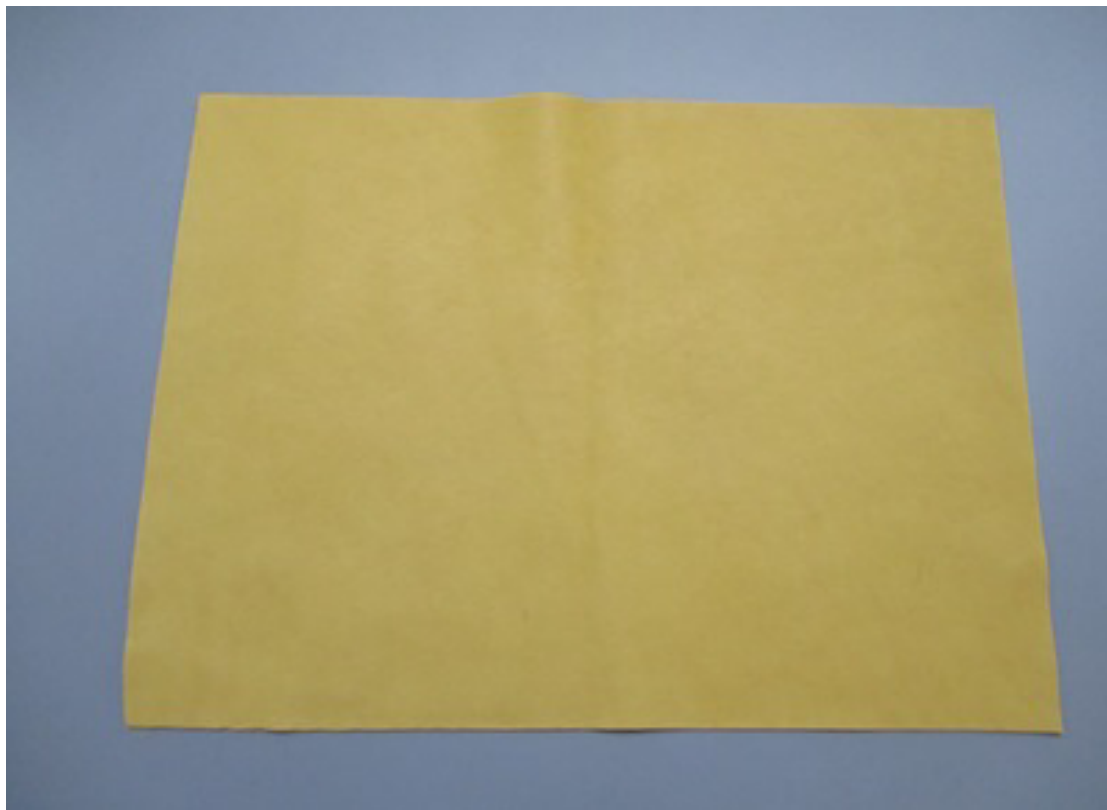
Report No. : GR:TX:1241072576

DATE : 30/12/2021



R E S U L T S

REQ



**** End of Report ****