

Test Report

No. BR2105777 Rev. 0

Date: Barueri, 24 Jan 2022

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CREMER S.A.
RUA EWALDO JANSEN
777
BLUMENAU, SC 89032085
BRAZIL

The following sample(s) was/were submitted and identified on behalf of the buyer as: FC300PT

SGS Order No. : 40022645
Total of Sample : 01 sample
Buyer's Name/Division : Adidas Footwear
Age Group : All Ages
Material Composition : Fita adesiva com dorso de tecido 100% poliéster, com adesivo à base de borracha e resina.
Sample Classification : Polyester Textiles (400)
Test Required Key Code No. : Key Code 400 under Adidas A-01 Test Standard 2021
Project : Adidas
Request Composite Test (Materials Mix) : No
Order Info : Full Compulsory Test (FT)
Material Supplier : Fita Adesiva
Finished Product Factory : Cremer S.A
Sample Description : Fita adesiva com dorso de tecido 100% poliéster, com adesivo à base de borracha e resina.
Model Name : FC300PT
Country of Supplier : Brasil
Buyers Name : Adidas
Material Name : Fita 300PT
Colour : preta
Sample Number : BR2105777.001
Component No. : 1
Remark : N/A

The informations above was provided by or on behalf of the customer.

Proposal Number : PR21-319463 REV00
Sample Receiving Date : 21 Dec 2021
Test Performing Period : 21 Dec 2021 - 22 Jan 2022
Test Requested : Selected test(s) as requested by client.
Test Part Description : Please refer to next page(s).
Test Method : Please refer to next page(s).
Test Results : Please refer to next page(s).
Technical Responsibility : Alessandra Shimizu - Laboratory Manager CRQ 04245592

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Component Lis/List of Materials :

Sample No.	Component No.	Description	Material	Colour	Remark
BR2105777.001	1	FC300PT	Fita 300PT	preta	N/A

Summary of Test Result:

Test Parameter	Test Method	Conclusion
Extractable Metals (DIN EN ISO 105-E04:2013, 11885:2009 & 12846:2012)	With reference to EN 16711-2:2016. Analysis was performed by ICP-OES / ICP-MS	PASS
pH Value	With reference to BS ISO 3071:2020.	PASS
Pentachlorophenol (PCP), Tetrachlorophenol (TeCP) and Trichlorophenol (TriCP)	Textile: Extraction with KOH. Analysis by GC-MS Leather: With reference to DIN 50009:2021 Analysis was performed by GC-MS	PASS
AZO Dyes	With reference to EN ISO 14362-1:2017 & EN ISO 14362-3: 2017, analysis was performed with GC-MS/LC-DAD.	PASS
Formaldehyde	With reference to ISO 14184-1: 2011; analysis was performed by UV-Vis.	PASS
Disperse Dyes	With reference to DIN 54231:2005, analysis was performed by HPLC-DAD-MSD.	PASS
Organotin Compounds	With reference to ISO 16179:2012, analysis was performed by GC-MS	PASS
Nonylphenol (NP) and Octylphenol (OP)	Sample preparation by solvent extraction (EN ISO 21084: 2019), analysis performed by GC-MS.	PASS
Nonylphenol Ethoxylates (NPEOs) and Octylphenol Ethoxylates (OPEOs)	Sample preparation by solvent extraction (EN ISO 18254/16), analysis performed by LC-MS.	PASS

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Sample Photo :



SGS authenticate the photo on original report only

Signed for and on behalf of
SGS do Brasil Ltda.

Alessandra Shimizu
Laboratory Manager CRQ 04245592

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Test Results :

Extractable Metals (DIN EN ISO 105-E04:2013, 11885:2009 & 12846:2012)

Test Method : With reference to EN 16711-2:2016. Analysis was performed by ICP-OES / ICP-MS

<u>Test Item(s)</u>	<u>CAS-NO.</u>	<u>Client Requeriment</u>	<u>RL</u>	<u>Unit</u>	<u>Result</u>
Antimony (Sb)	7440-36-0	Max. 30.00	0.03	mg/kg	0.21
Cadmium (Cd)	7440-43-9	Max. 0.10	0.03	mg/kg	ND
Chromium (Cr)	7440-47-3	-	0.03	mg/kg	ND
Lead (Pb)	7439-92-1	-	0.03	mg/kg	ND
Mercury (Hg)	7439-97-6	Max. 0.02	0.02	mg/kg	ND
Conclusion					PASS

Notes :

Specification: Lead (Pb): Infant Limit: 0.2 ppm/Adult Limit: 1.0 ppm; Chromium (Cr): Infant Limit: 1 ppm/Adult Limit: 2 ppm;

pH Value

Test Method : With reference to BS ISO 3071:2020.

<u>Test Item(s)</u>	<u>Client Requeriment</u>	<u>RL</u>	<u>Unit</u>	<u>Result</u>
pH Value of Aqueous Extract	4.00 - 7.50	-	-	6.14
Conclusion				PASS

Pentachlorophenol (PCP), Tetrachlorophenol (TeCP) and Trichlorophenol (TriCP)

Test Method : Textile: Extraction with KOH. Analysis by GC-MS

Leather: With reference to DIN 50009:2021 Analysis was performed by GC-MS

<u>Test Item(s)</u>	<u>CAS-NO.</u>	<u>Client Requeriment</u>	<u>RL</u>	<u>Unit</u>	<u>Result</u>
Pentachlorophenol (PCP)	87-86-5	-	0.050	mg/kg	ND
Tetrachlorophenol (TeCP)		-	0.050	mg/kg	ND
Trichlorophenol (TriCP)		-	0.050	mg/kg	ND
PCP+TRICP+TECP		-	0.050	mg/kg	ND

Notes :

Specification: Infant Limit: 0.05 ppm/ Adult Limit: 0.5 ppm.

AZO Dyes

Test Method : With reference to EN ISO 14362-1:2017 & EN ISO 14362-3: 2017, analysis was performed with GC-MS/LC-DAD.

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<u>Test Item(s)</u>	<u>CAS-NO.</u>	<u>Client</u>			<u>Result</u>
		<u>Requeriment</u>	<u>RL</u>	<u>Unit</u>	<u>001</u>
4-Aminobiphenyl	92-67-1	Max. 20.0	5.0	mg/kg	ND
Benzidine	92-87-5	Max. 20.0	5.0	mg/kg	ND
4-chloro-o-toluidine	95-69-2	Max. 20.0	5.0	mg/kg	ND
2-naphthylamine	91-59-8	Max. 20.0	5.0	mg/kg	ND
o-aminoazotoluene	97-56-3	Max. 20.0	5.0	mg/kg	ND
2-amino-4-nitrotoluene	99-55-8	Max. 20.0	5.0	mg/kg	ND
4-chloroaniline	106-47-8	Max. 20.0	5.0	mg/kg	ND
2,4-diamino-anisole	615-05-4	Max. 20.0	5.0	mg/kg	ND
4,4'-diaminodiphenylmethane	101-77-9	Max. 20.0	5.0	mg/kg	ND
3,3'-dichlorobenzidine	91-94-1	Max. 20.0	5.0	mg/kg	ND
3,3'-dimethoxybenzidine	119-90-4	Max. 20.0	5.0	mg/kg	ND
3,3'-dimethylbenzidine	119-93-7	Max. 20.0	5.0	mg/kg	ND
3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	Max. 20.0	5.0	mg/kg	ND
p-cresidine	120-71-8	Max. 20.0	5.0	mg/kg	ND
4,4'-methylene-bis-(2-chloroaniline)	101-14-4	Max. 20.0	5.0	mg/kg	ND
4,4'-oxydianiline	101-80-4	Max. 20.0	5.0	mg/kg	ND
4,4'-thiodianiline	139-65-1	Max. 20.0	5.0	mg/kg	ND
o-toluidine	95-53-4	Max. 20.0	5.0	mg/kg	ND
2,4-Toluylendiamine	95-80-7	Max. 20.0	5.0	mg/kg	ND
2,4,5-trimethylaniline	137-17-7	Max. 20.0	5.0	mg/kg	ND
2,4-Xylidine	95-68-1	Max. 20.0	5.0	mg/kg	ND
2,6-Xylidine	87-62-7	Max. 20.0	5.0	mg/kg	ND
O-Anisidine	90-04-0	Max. 20.0	5.0	mg/kg	ND
4-aminoazobenzene	60-09-3	Max. 20.0	5.0	mg/kg	ND
4-Methoxy-m-phenylene diammonium sulphate	39156-41-7	Max. 20.0	5.0	mg/kg	ND
2-Naphthylammoniumacetate	553-00-4	Max. 20.0	5.0	mg/kg	ND
2,4,5-Trimethylamine hydrochloride	21436-97-5	Max. 20.0	5.0	mg/kg	ND

Conclusion
PASS

Notes: Results over 1/2 or 1/3 of test requirement indicate a possibility of failure on one or more components. Retesting on individual component is recommended to determine the compliance of each component to the requirement.

4-Aminodiphenyl CAS 92-67-1, 2-Naphtylamine CAS 91-59-8 and 4-Methoxy-m-phenylene-diamine CAS 615-05-4 can be indirectly generated from some colorants which do not contain these amines azo bound. 4,4'-methylene-dianiline CAS 101-77-9 and 2,4-toluylen-diamine CAS 95-80-7 may be released from polyurethane or chemical fixing agent. The use of banned azo colorants cannot be reliably ascertained without additional information.

The ISO 14362-1:2017 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 detected by mentioned test method, test result for 4-aminoazobenzene CAS 60-09-3 is considered as 'not detected'. Otherwise, the test method of ISO 14362-3:2017 will be employed to verify the presence of 4-aminoazobenzene.

Formaldehyde

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Test Method : With reference to ISO 14184-1: 2011; analysis was performed by UV-Vis.

<u>Test Item(s)</u>	<u>CAS-NO.</u>	<u>Client Requeriment</u>	<u>RL</u>	<u>Unit</u>	<u>Result</u>
Formaldehyde	50-00-0	-	5.00	mg/kg	ND

Conclusion

PASS

Notes :

Specification: Adult Limit: 75 ppm / Infant Limit: 16 ppm (only appareal: 20 ppm for sizes 98 to 176)

Disperse Dyes

Test Method : With reference to DIN 54231:2005, analysis was performed by HPLC-DAD-MSD.

<u>Test Item(s)</u>	<u>CAS-NO.</u>	<u>Client Requeriment</u>	<u>RL</u>	<u>Unit</u>	<u>Result</u>
Disperse Blue 1	2475-45-8	Max. 50.0	0.4	mg/L	ND
Disperse Blue 3	2475-46-9	Max. 50.0	0.4	mg/L	ND
Disperse Blue 7	3179-90-6	Max. 50.0	0.4	mg/L	ND
Disperse Blue 26	3860-63-7	Max. 50.0	0.4	mg/L	ND
Disperse Blue 35	12222-75-2	Max. 50.0	0.4	mg/L	ND
Disperse Blue 102	12222-97-8	Max. 50.0	0.4	mg/L	ND
Disperse Blue 106	12223-01-7	Max. 50.0	0.4	mg/L	ND
Disperse Blue 124	61951-51-7	Max. 50.0	0.4	mg/L	ND
Disperse Brown 1	23355-64-8	Max. 50.0	0.4	mg/L	ND
Disperse Yellow 1	119-15-3	Max. 50.0	0.4	mg/L	ND
Disperse Yellow 3	2832-40-8	Max. 50.0	0.4	mg/L	ND
Disperse Yellow 9	6373-73-5	Max. 50.0	0.4	mg/L	ND
Disperse Yellow 23	6250-23-3	Max. 50.0	0.4	mg/L	ND
Disperse Yellow 39	12236-29-2	Max. 50.0	0.4	mg/L	ND
Disperse Yellow 49	54824-37-2	Max. 50.0	0.4	mg/L	ND
Disperse Orange 1	2581-69-3	Max. 50.0	0.4	mg/L	ND
Disperse Orange 3	730-40-5	Max. 50.0	0.4	mg/L	ND
Disperse Orange 11	82-28-0	Max. 50.0	0.4	mg/L	ND
Disperse Orange37/59/76	13301-61-6	Max. 50.0	0.4	mg/L	ND
Disperse Orange37/59/76	51811-42-8	Max. 50.0	0.4	mg/L	ND
Disperse Orange37/59/76	12223-33-5	Max. 50.0	0.4	mg/L	ND
Disperse Orange149	85136-74-9	Max. 50.0	0.4	mg/L	ND
Disperse Red 1	2872-52-8	Max. 50.0	0.4	mg/L	ND
Disperse Red 11	2872-48-2	Max. 50.0	0.4	mg/L	ND
Disperse Red 17	3179-89-3	Max. 50.0	0.4	mg/L	ND
Acid Red 26	3761-53-3	Max. 50.0	0.4	mg/L	ND

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<u>Test Item(s)</u>	<u>CAS-NO.</u>	<u>Client</u> <u>Requeriment</u>	<u>RL</u>	<u>Unit</u>	<u>Result</u> <u>001</u>
Basic Red 9	569-61-9	Max. 50.0	0.4	mg/L	ND
Basic Violet 14	632-99-5	Max. 50.0	0.4	mg/L	ND
Direct Black 38	1937-37-7	Max. 50.0	0.4	mg/L	ND
Direct Blue 6	2602-46-2	Max. 50.0	0.4	mg/L	ND
Direct Red 28	573-58-0	Max. 50.0	0.4	mg/L	ND
Basic Blue 26	2580-56-5	Max. 50.0	0.4	mg/L	ND
Basic Violet 3	548-62-9	Max. 50.0	0.4	mg/L	ND
Acid Red 114	6459-94-5	Max. 50.0	0.4	mg/L	ND
Direct blue 15	2429-74-5	Max. 50.0	0.4	mg/L	ND
Direct brown 95	16071-86-6	Max. 50.0	0.4	mg/L	ND
Disperse Yellow 7	6300-37-4	Max. 50.0	0.4	mg/L	ND
Disperse Yellow 56	54077-16-6	Max. 50.0	0.4	mg/L	ND
Disperse Red 151	61968-47-6	Max. 50.0	0.4	mg/L	ND
Navy Blue	118685-33-9	Max. 50.0	0.4	mg/L	ND
Basic Green 4	10309-95-2	Max. 50.0	0.4	mg/L	ND
Basic Green 4	2437-29-8	Max. 50.0	0.4	mg/L	ND
Basic Green 4	569-64-2	Max. 50.0	0.4	mg/L	ND
Conclusion					PASS

Organotin Compounds

Test Method : With reference to ISO 16179:2012, analysis was performed by GC-MS

<u>Test Item(s)</u>	<u>CAS-NO.</u>	<u>Client</u> <u>Requeriment</u>	<u>RL</u>	<u>Unit</u>	<u>Result</u> <u>001</u>
Monobutyl tin (MBT)	78763-54-9	Max. 1.00	0.01	mg/kg	ND
Monooctyl tin (MOT)	15231-57-9	Max. 1.00	0.01	mg/kg	ND
Dibutyl tin (DBT)	1002-53-5	Max. 1.00	0.01	mg/kg	ND
Diocetyl tin (DOT)	15231-44-4	Max. 1.00	0.01	mg/kg	ND
Triocetyl tin (TOT)	869-59-0	Max. 1.00	0.01	mg/kg	ND
Tributyl tin (TBT)	688-73-3	ND	0.05	mg/kg	ND
Triphenyl tin (TPhT)	892-20-6	Max. 0.50	0.01	mg/kg	ND
Conclusion					PASS

Nonylphenol (NP) and Octylphenol (OP)

Test Method : Sample preparation by solvent extraction (EN ISO 21084: 2019), analysis performed by GC-MS.

<u>Test Item(s)</u>	<u>CAS-NO.</u>	<u>Client</u> <u>Requeriment</u>	<u>RL</u>	<u>Unit</u>	<u>Result</u> <u>001</u>
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<u>Test Item(s)</u>	<u>CAS-NO.</u>	<u>Client Requirement</u>	<u>RL</u>	<u>Unit</u>	<u>Result</u>
Nonylphenol (NP)	25154-52-3	Max. 10.00	1.00	mg/kg	ND
Octylphenol (OP)	27193-28-8	Max. 10.00	1.00	mg/kg	ND
Conclusion					PASS

Nonylphenol Ethoxylates (NPEOs) and Octylphenol Ethoxylates (OPEOs)

Test Method : Sample preparation by solvent extraction (EN ISO 18254/16), analysis performed by LC-MS.

<u>Test Item(s)</u>	<u>CAS-NO.</u>	<u>Client Requirement</u>	<u>RL</u>	<u>Unit</u>	<u>Result</u>
Nonylphenol ethoxylates (NPEO)	9016-45-9	-	1.00	mg/kg	ND
Octylphenol ethoxylates (OPEO)	9002-93-1	-	1.00	mg/kg	ND
Sum of (NP,OP, NPEO and OPEO)		Max. 100.00	1.00	mg/kg	ND
Conclusion					PASS

Remarks :

- (1) RL = Reporting Limit
- (2) ND = Not Detected (< RL)
- (3) "-" = Not Analyzed / Not Applicable
- (4) "--" = Analysis in Process
- (5) 1 mg/kg = 0.0001%
- (6) mg/kg = ppm

Comments :

The reported results refer only to the samples submitted to the tests. SGS is not responsible for information regarding the composition of the sample and its manufacturing data. These are the sole responsibility of the customer and are not part of the service scope of SGS do Brasil LTDA.

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The Decision Rule defined by SGS states that the uncertainty of measurement will not be considered in the Verdict (declaration of conformity) when indicated in the test report.

WARNING: The opinions and interpretations expressed below are based on the results obtained from the item tested, applicable only to the tests where the specification parameters are included in this report.

*** End of Report ***

The assay were conducted in the laboratory in Brazil, located at the address cited at the bottom of this report.