



**ESI LEATHER  
PUCANGAN RT 2 RW X BUMIREJO MUNGKID**

The following sample was (were) submitted and identified by the client as:

Sample No.	Sample Description
A	COW LEATHER IN BLACK COLOR

Client's reference No. : 2010001186  
Buyer : For Self Reference  
Order No. : -  
Style No. : -  
Lot No. : -  
End Use : -  
Age Grade : -  
Season : -  
Manufacturer : -  
Country of Origin : -  
Country of Destination : -  
Sample Receiving Date : Jan 15, 2020  
Test Performing Period : Jan 15, 2020 – Jan 21, 2020  
Test Results : Please refer to the next page(s).

Signed for and on behalf of  
PT. SGS Indonesia

Maulana Yusuf  
Technical and Client Program Manager

This document is issued by the Company subject to its General Conditions of Service printed overleaf, or available on request or accessible at [www.sgs.com/termsandconditions.htm](http://www.sgs.com/termsandconditions.htm) and for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://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. This document cannot be reproduced except in full, without prior written approval of the Company. 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 30 days only.  
The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.



Component List / List of Materials

Sample No.	Material No	Description	Material	Colour	Fiber Type*	Remark
A	1	Cow Leather	LEATHER	Black	NA	

\* This fiber type identification is for the selection of azo dye testing procedure (i.e. EN 14362-1/3:2012).

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)

N/A = Not applicable

This document is issued by the Company subject to its General Conditions of Service printed overleaf, or available on request or accessible at [www.sgs.com/termsandconditions.htm](http://www.sgs.com/termsandconditions.htm) and for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://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. This document cannot be reproduced except in full, without prior written approval of the Company. 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 30 days only.

The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.



**Test Result:**

**Alkylphenol Ethoxylates (APEO)**

Test Method: Leather: With reference to EN ISO 18218-1:2015. Analysis was conducted by HPLC-MS.

	<b>CAS-No.</b>	<b>Result</b>
		<u>1</u>
Nonylphenol Ethoxylate (NPEO)	--	n.d.
Octylphenol Ethoxylate (OPEO)	--	n.d.
Sum of NPEO & OPEO	--	n.d.

Note: n.d. = Not Detected  
mg/kg = ppm

Reporting Limit = 20 mg/kg

This document is issued by the Company subject to its General Conditions of Service printed overleaf, or available on request or accessible at [www.sgs.com/termsandconditions.htm](http://www.sgs.com/termsandconditions.htm) and for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://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. This document cannot be reproduced except in full, without prior written approval of the Company. 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 30 days only. The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.



**Formaldehyde**

Test Method: With reference to ISO 17226-2:2018. Analysis was conducted by UV-VIS spectrophotometer. (with HPLC confirmation)

	<b>CAS-No.</b>	<b>Result</b>
Formaldehyde	50-00-0	n.d.

Note: n.d. = Not detected  
mg/kg = ppm

Reporting limit = 5 mg/kg

**pH Value in Leather**

Test Method: According to EN ISO 4045:2018.

	<b>CAS-No.</b>	<b>Result</b>
pH value	--	4.4
Difference figure	--	--

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, or available on request or accessible at [www.sgs.com/termsandconditions.htm](http://www.sgs.com/termsandconditions.htm) and for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://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. This document cannot be reproduced except in full, without prior written approval of the Company. 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 30 days only.  
The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.



**Total Lead Content**

Test Method: Non-Metal: With reference to CPSC-CH-E1002-08.3. Analysis was conducted by ICP-OES or ICP-MS.

	<b>CAS-No.</b>	<b>Result</b>
Lead (Pb)	7439-92-1	<u>1</u> n.d.

Note: n.d.= Not detected  
mg/kg = ppm

Reporting limit = 10 mg/kg

**Total Cadmium Content**

Test Method: With reference to ISO 17072-2:2019. Analysis was conducted by ICP-OES or ICP-MS.

	<b>CAS-No.</b>	<b>Result</b>
Cadmium (Cd)	7440-43-9	<u>1</u> n.d.

Note: n.d.= Not detected  
mg/kg = ppm

Reporting limit = 5 mg/kg

This document is issued by the Company subject to its General Conditions of Service printed overleaf, or available on request or accessible at [www.sgs.com/termsandconditions.htm](http://www.sgs.com/termsandconditions.htm) and for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://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. This document cannot be reproduced except in full, without prior written approval of the Company. 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 30 days only.  
The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.



**Total Arsenic Content**

Test Method: With reference to ISO 17072-2:2019. Analysis was conducted by ICP-OES or ICP-MS.

	<b>CAS-No.</b>	<b>Result</b>
Arsenic (As)	7440-38-2	<u>1</u> n.d.

Note: n.d.= Not detected  
mg/kg = ppm

Reporting limit = 10 mg/kg

**Total Mercury Content**

Test Method: With reference to ISO 17072-2: 2019. Analysis was conducted by ICP-OES or ICP-MS.

	<b>CAS-No.</b>	<b>Result</b>
Mercury (Hg)	7439-97-6	<u>1</u> n.d.

Note: n.d.= Not detected  
mg/kg = ppm

Reporting limit = 0.1 mg/kg

This document is issued by the Company subject to its General Conditions of Service printed overleaf, or available on request or accessible at [www.sgs.com/termsandconditions.htm](http://www.sgs.com/termsandconditions.htm) and for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://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. This document cannot be reproduced except in full, without prior written approval of the Company. 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 30 days only.  
The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.



**Azo Dyes and Arylamine Salts**

Test Method: Leather: According to EN ISO 17234-1:2015. Analysis was conducted with GC-MS/HPLC-DAD.

		<b>Result</b>
	<b>CAS-No.</b>	<b>1</b>
4-Aminobiphenyl	92-67-1	n.d.
Benzidine	92-87-5	n.d.
4-Chlor-o-toluidine	95-69-2	n.d.
2-Naphthylamine	91-59-8	n.d.
o-Aminoazotoluene	97-56-3	n.d.
5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8	n.d.
4-Chloroaniline	106-47-8	n.d.
4-methoxy-m-phenylenediamine / 2,4-Diaminoanisoole	615-05-4	n.d.
4,4'-Diaminodiphenylmethane	101-77-9	n.d.
3,3'-Dichlorobenzidine	91-94-1	n.d.
3,3'-Dimethoxybenzidine	119-90-4	n.d.
3,3'-Dimethylbenzidine	119-93-7	n.d.
4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	n.d.
p-Cresidine	120-71-8	n.d.
4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	n.d.
4,4'-Oxydianiline	101-80-4	n.d.
4,4'-Thiodianiline	139-65-1	n.d.
o-Toluidine	95-53-4	n.d.
4-methyl-m-phenylenediamine / 2,4-Toluylendiamine	95-80-7	n.d.
2,4,5-Trimethylaniline	137-17-7	n.d.
4-aminoazobenzene	60-09-3	n.d.
O-Anisidine	90-04-0	n.d.
2,6-Xylidine	87-62-7	n.d.
2,4-Xylidine	95-68-1	n.d.
4-chloro-o-toluidinium chloride <sup>+</sup>	3165-93-3	n.d.
2-Naphthylammoniumacetate <sup>+</sup>	553-00-4	n.d.
4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisoole sulphate <sup>+</sup>	39156-41-7	n.d.
2,4,5-trimethylaniline hydrochloride <sup>+</sup>	21436-97-5	n.d.

Note: n.d. = not detected  
mg/kg = ppm  
+ = Result was back calculated based on the determination of its amine

Reporting Limit = 5 mg/kg (each)

This document is issued by the Company subject to its General Conditions of Service printed overleaf, or available on request or accessible at [www.sgs.com/termsandconditions.htm](http://www.sgs.com/termsandconditions.htm) and for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://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. This document cannot be reproduced except in full, without prior written approval of the Company. 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 30 days only. The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.



Remark: Whenever 4-aminodiphenyl (CAS number 92-67-1), 2-naphylamine (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.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, or available on request or accessible at [www.sgs.com/termsandconditions.htm](http://www.sgs.com/termsandconditions.htm) and for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://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. This document cannot be reproduced except in full, without prior written approval of the Company. 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 30 days only. The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.



**Chlorinated Paraffins**

Test Method: With reference to combined CADS / EN ISO 18219: 2015. Analysis was conducted by GC-NCI-MS.

	<b>CAS-No.</b>	<b>Result</b>
		<b>1</b>
Short Chain Chlorinated Paraffin (SCCP)	85535-84-8	n.d.
Medium Chain Chlorinated Paraffin (MCCP)	85535-85-9	n.d.

Note: n.d. = Not detected  
mg/kg = ppm

Reporting Limit = 100 mg/kg (each)

**Chromium VI**

Test Method: 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.

	<b>CAS-No.</b>	<b>Result</b>
		<b>1</b>
Chromium (VI) (ISO 17075-1)	18540-29-9	n.d.
Chromium (VI) (ISO 17075-2)^	18540-29-9	N.A.

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

^ = Conclusion based on ISO 17075-2 confirmation test  
Reporting Limit = 3 mg/kg

This document is issued by the Company subject to its General Conditions of Service printed overleaf, or available on request or accessible at [www.sgs.com/termsandconditions.htm](http://www.sgs.com/termsandconditions.htm) and for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://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. This document cannot be reproduced except in full, without prior written approval of the Company. 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 30 days only. The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.



**Forbidden and Disperse Dyes**

Test Method: With reference to DIN 54231:2005. Analysis was conducted with HPLC-DAD-MSD.

	<b>CAS-No.</b>	<b>Result</b>
		<b>1</b>
C.I. Disperse Blue 1	2475-45-8	n.d.
C.I. Disperse Blue 3	2475-46-9	n.d.
C.I. Disperse Blue 7	3179-90-6	n.d.
C.I. Disperse Blue 26	3860-63-7	n.d.
C.I. Disperse Blue 35	56524-77-7/ 56524-76-6	n.d.
C.I. Disperse Blue 102	12222-97-8	n.d.
C.I. Disperse Blue 106	12223-01-7	n.d.
C.I. Disperse Blue 124	61951-51-7	n.d.
C.I. Disperse Brown 1	23355-64-8	n.d.
C.I. Disperse Orange 1	2581-69-3	n.d.
C.I. Disperse Orange 3	730-40-5	n.d.
C.I. Disperse Orange 11	82-28-0	n.d.
C.I. Disperse Orange 37/76/59	13301-61-6/ 12223- 33-5/ 51811-42-8	n.d.
C.I. Disperse Orange 149	85136-74-9	n.d.
C.I. Disperse Red 1	2872-52-8	n.d.
C.I. Disperse Red 11	2872-48-2	n.d.
C.I. Disperse Red 17	3179-89-3	n.d.
C.I. Disperse Red 151	61968-47-6	n.d.
C.I. Disperse Yellow 1	119-15-3	n.d.
C.I. Disperse Yellow 3	2832-40-8	n.d.
C.I. Disperse Yellow 7	6300-37-4	n.d.
C.I. Disperse Yellow 9	6373-73-5	n.d.
C.I. Disperse Yellow 23	6250-23-3	n.d.
C.I. Disperse Yellow 39	12236-29-2	n.d.
C.I. Disperse Yellow 49	54824-37-2	n.d.
C.I. Disperse Yellow 56	54077-16-6	n.d.
C.I. Acid Red 26	3761-53-3	n.d.
C.I. Basic Red 9	569-61-9	n.d.
C.I. Basic Green 4	569-64-2 / 2437- 29-8 / 10309-95-2	n.d.
C.I. Basic Violet 3	548-62-9	n.d.
C.I. Basic Violet 14	632-99-5	n.d.
C.I. Basic Blue 26 (with Michler's Ketone > 0.1%)	2580-56-5	n.d.
C.I. Direct Black 38	1937-37-7	n.d.
C.I. Direct Blue 6	2602-46-2	n.d.
C.I. Direct Red 28	573-58-0	n.d.
C.I. Direct Brown 95	16071-86-6	n.d.
4-Dimethylaminoazobenzene (Solvent Yellow 2)	60-11-7	n.d.
C.I. Solvent Blue 4	6786-83-0	n.d.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, or available on request or accessible at [www.sgs.com/termsandconditions.htm](http://www.sgs.com/termsandconditions.htm) and for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://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. This document cannot be reproduced except in full, without prior written approval of the Company. 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 30 days only. The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.

4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	n.d.
---	----------	------

Note: n.d. = not detected  
mg/kg = ppm

Reporting Limit = 15 mg/kg (each)

**Extractable Heavy Metal**

Test Method: Leather: With reference to ISO 17072-1: 2019. Analysis with ICP-OES or ICP-MS.

	<u>CAS-No.</u>	<u>Result</u>
		<b>1</b>
Antimony (Sb)	7440-36-0	n.d.
Arsenic (As)	7440-38-2	n.d.
Barium (Ba)	7440-39-3	n.d.
Cadmium (Cd)	7440-43-9	n.d.
Chromium (Cr)	7440-47-3	n.d.
Cobalt (Co)	7440-48-4	n.d.
Copper (Cu)	7440-50-8	n.d.
Lead (Pb)	7439-92-1	n.d.
Mercury (Hg)	7439-97-6	n.d.
Nickel (Ni)	7440-02-0	n.d.
Selenium (Se)	7782-49-2	n.d.

Note: n.d. = Not detected  
N.A. = Not applicable  
mg/kg = ppm

**Requirement**

	<u>Reporting Limit (mg/kg)</u>	<u>Babies (mg/kg)</u>	<u>Children (mg/kg)</u>	<u>Adults (mg/kg)</u>
Antimony (Sb)	3.0	30	30	30
Arsenic (As)	0.06	0.2	0.2	0.2
Barium (Ba)	100	1000	1000	1000
Cadmium (Cd)	0.03	0.1	0.1	0.1
Chromium (Cr) (Leather Footwear)	0.5	60.0	N.A.	N.A.
Cobalt (Co)	0.3	1.0	1.0	4.0
Copper (Cu)	5.0	25	25	50
Lead (Pb)	0.06	0.2	1.0	1.0
Mercury (Hg)	0.006	0.02	0.02	0.02
Nickel (Ni)	0.1	1.0	1.0	1.0
Selenium (Se)	50	500	500	500

This document is issued by the Company subject to its General Conditions of Service printed overleaf, or available on request or accessible at [www.sgs.com/termsandconditions.htm](http://www.sgs.com/termsandconditions.htm) and for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://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. This document cannot be reproduced except in full, without prior written approval of the Company. 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 30 days only. The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.

Sample Picture



\*\*\*\*\*End of Report\*\*\*\*\*

This document is issued by the Company subject to its General Conditions of Service printed overleaf, or available on request or accessible at [www.sgs.com/termsandconditions.htm](http://www.sgs.com/termsandconditions.htm) and for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://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. This document cannot be reproduced except in full, without prior written approval of the Company. 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 30 days only*. The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.