



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:

A.N.C.I. Servizi S.r.l. a socio unico- CIMAC
Via Aguzzafame, 60/b 27029 Vigevano (PV)

(Hereinafter called the Organization) and hereby declares that Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2017

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

***Chemical and Mechanical Analysis and Safety Testing for
Children's Products***
(As detailed in the supplement)

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

President

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

Initial Accreditation Date:

April 6, 2019

Issue Date:

July 6, 2021

Expiration Date:

September 30, 2023

Revision Date:

April 9, 2022

Accreditation No.:

104648

Certificate No.:

L21-439-R1

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjilabs.com



Certificate of Accreditation: Supplement

A.N.C.I. Servizi S.r.l. a socio unico- CIMAC

Via Aguzzafame, 60/b 27029 Vigevano (PV)

Contact Name: Sig. Tommaso Cancellara Phone: 0381/84722

Accreditation is granted to the facility to perform the following testing:

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Chemical ^F	Articles and Materials for Child under the Age of 12 years	Determination of the certain phthalate content in articles intended for use by children under the age of 12 (gas chromatographic analysis)	CPSC-CH-C1001-09.4:2018, UNI EN 14372:2005, EN 14372:2004, UNI EN 14389:2014, EN 14389:2014, UNI EN ISO 16181-1:2021, EN ISO 16181-1:2021, ISO 16181-1:2021, UNI EN ISO 16181-2:2021, EN ISO 16181-2:2021, ISO 16181-2:2021	0.01 % to 1 % D.L. = 0.001 %
		Lead content in metal products	CPSC-CH-E1001-08.3:2012 ASTM E1613:2012	0.1 mg/kg to 600 mg/kg D.L. = 0.1 mg/kg
		Lead in paint and other similar surface coatings	CPSC-CH-E1003-9.1:2011 ASTM E1645:2007 ASTM E1613:2012	0.1 mg/kg to 600 mg/kg D.L. = 0.1 mg/kg
	Leather	Total metal content	EN 14602:2012, UNI EN 14602:2012 UNI EN ISO 17072-2:2019, ISO 17072-2:2019, EN ISO 17072-2:2019, QB/T 4340-2012	0.2 mg/kg to 50 mg/kg D.L. = 0.1 mg/kg
		Formaldehyde In Leather	UNI EN ISO 17226-1:2021, EN ISO 17226-1:2021, ISO 17226-1:2021, GB/T 19941.1-2019, GB/T 19941.2-2019 e GB/T 19941.3-2019	5 mg/kg to 500 mg/kg D.L. = 3 mg/kg
		Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content	EN ISO 17070:2015, ISO 17070:2015, UNI EN ISO 17070:2015; LMBG 82.02-8:2001	0.1 mg/kg to 20 mg/kg D.L. = 0.01 mg/kg
		Chemical Determination of Metal Content — Part 1: Extractable Metals	UNI EN ISO 17072-1:2019, EN ISO 17072-1:2019, ISO 17072-1:2019	Hg: 0.025 mg/kg to 05 mg/kg Ca, K, Fe: 15.0 mg/kg to 1 000 mg/kg Others: 1.25 mg/kg to 100 mg/kg D.L.= 0.01 mg/kg for Hg D.L.= 0.1 mg/kg others



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Chemical ^F	Leather and leather components for footwear and gloves	Chemical Determination of Metal Content — Part 1: Extractable Metals	UNI EN ISO 17072-1:2019, EN ISO 17072-1:2019, ISO 17072-1:2019	Ca, K, Fe: 15 mg/kg to 1 000 mg/kg Others: 1.25 mg/kg to 100 mg/kg D.L. = 0.1 mg/kg
		Determination of ethoxylated alkylphenols (APEO) direct and indirect method	UNI EN ISO 18218-1:2015, EN ISO 18218-1:2015, ISO 18218-1:2015, UNI EN ISO 18218-2:2015, EN ISO 18218-2:2015, ISO 18218-2:2015	5 mg/kg to 1 000 mg/kg D.L. = 2 mg/kg
		Determination of aromatic amines derived from azo colorants in leather	UNI EN ISO 17234-1:2020, EN ISO 17234-1:2020, ISO 17234-1:2020 + UNI EN ISO 17234-2:2011, ISO 17234-2:2011, EN ISO 17234-2:2011, GB/T 19942-2005, GB/T 33392-2016	5 mg/kg to 100 mg/kg D.L. = 5 mg/kg
		pH and difference figure in leather	EN ISO 4045:2018, ISO 4045:2018, UNI EN ISO 4045:2018, QB/T 2724:2018	0 pH to 14 pH
		Volatile matter and moisture content	EN ISO 4684:2005, UNI EN ISO 4684:2006, ISO 4684:2005	5% to 16 %
		Chromium VI Content	ISO 20344:2011 par. 6.11 + ISO 17075-2:2017, EN ISO 20344:2011 par. 6.11 + EN ISO 17075-2:2017, UNI EN ISO 20344:2012 + EC 1-2018 par. 6.11 + UNI EN ISO 17075-2:2017, SASO ISO 20344:2012 + ISO 17075-2:2017	3 mg/kg to 40 mg/kg D.L. = 3 mg/kg
	Plastic	Determination of cadmium - Wet decomposition method	UNI EN 1122:2002, EN 1122:2001	10 mg/kg to 3 000 mg/kg DL: 0.1 mg/kg



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Chemical ^F	Safety Shoes, Protective and Workwear for Professional Applications and Components	Chromium VI Content of Upper, Lining, Tongue, collar, and Footbed Insole	ISO 20344:2011 par. 6.11 + ISO 17075-2:2017, EN ISO 20344:2011 par. 6.11 + EN ISO 17075-2:2017, UNI EN ISO 20344:2012 + EC 1-2018 par. 6.11 + UNI EN ISO 17075-2:2017, SASO ISO 20344:2012 + ISO 17075-2:2017	3 mg/kg to 40 mg/kg D.L. = 3 mg/kg
	Textiles	Methods for determination of certain aromatic amines derived from azo colorants	UNI EN ISO 14362-1:2017, UNI EN ISO 14362-1:2017 + UNI EN ISO 14362-3:2017, GB/T 17592:2011	5 mg/kg to 100 mg/kg D.L. = 5 mg/kg
		Contents of Pentachlorophenol (PCP) and Chlorinated Phenols	UNI 11057:2003 XP G 08-015; LMBG 82.02-8:2001	0.01 mg/kg to 10 mg/kg D.L. = 0.01 mg/kg
		Formaldehyde free and hydrolysed formaldehyde	UNI EN ISO 14184-1:2011 ISO 14184-1:2011, EN ISO 14184-1:2011, GB/T 2912.1-2009; LMBG 82.02-1:1985	5 mg/kg to 500 mg/kg D.L. = 5 mg/kg
		Determination of Metal Content - part 1: Determination of Metals using Microwave Digestion	UNI EN 16711-1:2015, EN 16711-1:2015, QB/T 4340-2012	0.01 mg/kg to 25 mg/kg D.L. = 0.01 mg/kg



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Chemical ^F	Textiles	Determination of metal content - Part 2: Determination of metals extracted by acidic artificial perspiration solution	UNI EN 16711-2:2015 + EN ISO 105-E04:2013, UNI 10889:2000	0.01 mg/kg to 25 mg/kg D.L. = 0.01 mg/kg
		Method for the detection and determination of alkylphenol ethoxylates (APEO) - Part 1: Method using HPLC – MS	UNI EN ISO 18254-1:2016, EN ISO 18254-1:2016, ISO 18254-1:2016	5 mg/kg to 1 000 mg/kg D.L. = 2 mg/kg
		pH of aqueous extract	EN ISO 3071:2020, UNI EN ISO 3071:2020, ISO 3071:2020, GB/T 7573:2009	0 pH to 14 pH
	Protective Gloves	Method for the Determination of specific Aromatic Amines Derived from Azo Dyes	UNI EN ISO 14362-1:2017, UNI EN ISO 14362-1:2017, UNI EN ISO 14362-3:2017, GB/T 17592:2011; LFGB 82.02-2:2017 LFGB 82.02-15:2017	5 mg/kg to 100 mg/kg DL: 5 mg/kg
		Chromium VI Content	UNI EN ISO 21420:2020 par. 4.2 + ISO 17075-2:2017, EN ISO 21420:2020 par. 4.2 + ISO 17075-2:2017, ISO 21420:2020 par. 4.2 + ISO 17075-2:2017	3 mg/kg to 40 mg/kg D.L. = 3 mg/kg



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Chemical ^F	Footwear	Determination of Organotin Compounds in Footwear Materials	UNI CEN ISO/TS 16179:2012, CEN ISO/TS 16179:2012, ISO/TS 16179:2012	0.1 mg/kg to 12 mg/kg D.L. = 0.02 mg/kg
		Quantitative Determination of Contents of Dimethylfumarate (DMFU)	UNI EN ISO 16186:2021, EN ISO 16186:2021, ISO 16186:2021, GB/T 26713-2011	0.1 mg/kg to 10 mg/kg D.L. = 0.01 mg/kg
	Footwear and Footwear Materials	Quantitatively determine polycyclic aromatic hydrocarbons (PAH)	UNI EN ISO 16190:2021, EN ISO 16190:2021, ISO 16190:2021	0.1 mg/kg to 10 mg/kg D.L. = 0.01 mg/kg
		Determination of perfluorooctane (PFOA) and perfluorooctanesulphonate (PFOS)	UNI CEN/TS 15968:2010, CEN/TS 15968:2010	0.14 µg/kg to 140 µg/kg D.L. = 0.028 µg/kg
		Quantitative Determination Of Dimethylformamide	UNI CEN ISO/TS 16189:2013, ISO/TS 16189:2013, CEN ISO/TS 16189:2013	10 mg/kg to 400 mg/kg D.L. = 5 mg/kg
Articles and Materials for Child under the Age of 12 years	Lead content and total lead	16 C.F.R. Part. 1303 + ASTM E1645:2007 + ASTM E1613:2012 CPSC-CH-E1001-08.3:2012 + ASTM E1613:2012 CPSC-CH-E1002-08.3:2012 + ASTM E1613:2012 CPSC-CH-E1003-9.1:2011 + ASTM E1645:2007 + ASTM E1613:2012	0.1 mg/kg to 600 mg/kg D.L. = 0.1 mg/kg	



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Mechanical ^F	Children's Footwear	Technical specifications of Safety for Children's Footwear-tight Small Accessories	GB 30585:2014 Appendix D	0.1 N to 70 N
	Toys and Other Articles for Children under 8 years of Age	Method to Determine Sharp Points (Sharp Point) in Toys and other Articles Intended for Children under 8 years of age	16 CFR PART 1500.48 ASTM F963- 17 Section. 4.9, GB 6675.2:2014; ISO 8124-1:2018 Part 5.9	0.01 mm to 0.12 mm
		Method of Determining edges (Sharp Edge) in Toys and Other Articles intended for Children under 8 years of age	16 CFR PART 1500.49 +ASTM F963-17 Section. 4.7, GB 6675.2:2014; ISO 8124-1:2018 Part 5.8	Up to 29.3 mm
	Toys and Other Articles for Children Younger than 3 Years	Identification of Ingestion and choking hazard in Toys and Product for Children	16 C.F.R. PART. 1501:2018 + ASTM F963:2017, GB/T 6675.2:2014, ISO 8124-1:2018 part. 5.2	0.2 Nm to 1 Nm 20 Nm to 180 Nm
	Toys and Other items for Children under the age of 18 months, from 18 to 36 months and from 36 months to 96 months	Simulation of use and Abuse of Toys and Products for Children	16 CFR part. 1500.51 + 16 CFR part. 1500.52 + 16 CFR PART. 1500.53 ASTM F963:2017, GB/T 6675.2:2014, ISO 8124.1:2018 part. 5.24	
	Leather	Colour fastness to perspiration	UNI EN ISO 11641:2013, EN ISO 11641:2012, ISO 11641:2012	1 to 5 Grey Scale



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Mechanical ^F	Textile	Colour fastness to perspiration	UNI EN ISO 105-E04:2013, EN ISO 105-E04:2013, ISO 105-E04:2013, AATCC TM 15:2013, GB/T 3922:2013	1 to 5 Grey Scale
		Colour fastness to water	UNI EN ISO 105-E01:2013, EN ISO 105-E01:2013, ISO 105-E01:2013, AATCC TM 107:2013, GB/T 5713-2013	
		Colour fastness assessment of migration of textile colours into polyvinyl chloride coatings	UNI EN ISO 105-X10:2008, EN ISO 105-X10:1995, ISO 105-X10:1993	
		Colour fastness assessment of the potential to phenolic yellowing of materials	UNI EN ISO 105-X18:2008, EN ISO 105-X18:2007, ISO 105-X18:2007	
		Colour fastness to rubbing	UNI EN ISO 105-X12:2016, ISO 105-X12:2016, EN ISO 105-X12:2016, GB/T 3920:2008, AATCC TM8-2016	
		Determination of the colour fastness - Test with artificial saliva	DIN 53160-1:2010, GB/T 18886:2019	

1. The presence of a superscript FO means that the laboratory performs testing of the indicated parameter both at its fixed location and onsite at customer locations. Example: Outside Micrometer^{FO} would mean that the laboratory performs this testing at its fixed location and onsite at customer locations.