PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Atrya Lab. S.A. de C.V.

Av. Rio Consulado # 2614, Col. San Juan de Aragón
Ciudad de México, México. C.P. 07920

(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):

Mechanical Testing
(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:

Tracy Szerszen
President

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

Initial Accreditation Date:	*Issue Date:*	*Expiration Date:*
November 19, 2014	November 23, 2021	December 31, 2023

Accreditation No.:	*Certificate No.:*
70557	L21-725

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.pjlabs.com

Certificate of Accreditation: Supplement

Atrya Lab. S.A. de C.V
Av. Rio Consulado #2614, Col. San Juan de Aragón
Ciudad de México, México, México. C.P. 07920
Contact Name: Angel Martinez Phone: 552-603-7450

Accreditation is granted to the facility to 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
Mechanical[F]	Containers PET Carbonated Drinks (CSD) Nitrogen Drinks (NCB-P) Filled Hot Drink (NCB-HF)	Appearance	Package Test Methods: PetBottles & Preforms: Appearance and Odor. TMPET 1.1	Visual
	Containers PET Carbonated Drinks (CSD) Nitrogen Drinks (NCB-P) Filled Hot Drink (NCB-HF)	Wall Thickness	Voluntary Standard Test Methods for PET Bottles	0.1 mm to 12.7 mm (Res.= 0.001 mm)
	Containers PET Carbonated Drinks (CSD) Nitrogen Drinks (NCB-P) Filled Hot Drink (NCB-HF)	Content Spill and Filling Point	Voluntary Standard Test Methods for PET Bottles	200 mL to 4 000 mL (Containers) (Res.= 0.01 mL)
	Containers PET Carbonated Drinks (CSD)	Retention of CO_2	Voluntary Standard Test Methods for Pet Bottles	200 mL to 4 000 mL (Containers) 0.5 Volume of CO_2 to 5 Volume of CO_2 (Res.= 0.01 Volume of CO_2)
	Containers PET Carbonated Drinks (CSD) Nitrogen Drinks (NCB-P) Filled Hot Drink (NCB-HF)	Container Dimensions	Voluntary Standard Test Methods for Pet Bottles	200 mL to 4 000 mL (Container) Diameter: 28 mm to 200 mm Height: 0.01 mm to 500 mm Base Clearance: 0.01 mm to 12.7 mm (Res 0.01 mm) Peak Diameter 5 mm to 180 mm (Res. = 0.001 mm) Diameter Valley 5 mm to 180 mm (Res. = 0.001 mm)
				Diameter of Ring Band Break 5 mm to 180 mm (Res. = 0.001 mm)

Certificate of Accreditation: Supplement

Atrya Lab. S.A. de C.V
Av. Rio Consulado #2614, Col. San Juan de Aragón
Ciudad de México, México, México. C.P. 07920
Contact Name: Angel Martinez Phone: 552-603-7450

Accreditation is granted to the facility to 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
Mechanical[F]	Containers PET Carbonated Drinks (CSD) Nitrogen Drinks (NCB-P) Filled Hot Drink (NCB-HF)	Container Dimensions	Voluntary Standard Test Methods for PET Bottles	Height of the Support Ring at the Sealing Surface 5 mm to 90 mm (Res. = 0.001 mm) Height of the Breaking Ring at the Sealing Surface 5 mm to 90 mm (Res. = 0.001 mm) Visual
		Perpendicularity	Voluntary Standard Test Methods for PET Bottles	200 mL to 4 000 mL (Containers) 0.01 mm to 25 mm (Res.= 0.01 mm)
	Containers PET Carbonated Drinks (CSD) Nitrogen Drinks (NCB-P)	Thermal Stability	Voluntary Standard Test Methods for Pet Bottles	200 mL to 4 000 mL (Container) Diameter: % of Expansion Height: % of Expansion Drop the Filling Point: 0.01 mm to 60 mm Perpendicularity: 0.01 mm to 25 mm Base Clearance: 0 mm to 12.7 mm Appearance: Visual (Res.= 0.01 mm)
	Containers PET Filled Hot Drink (NCB-HF)	Hot Filled Distortion	Voluntary Standard Test Methods for Pet Bottles	200 mL to 4 000 mL (Containers) Volume: 0.1 mL to 4 000 mL (Res.= 0.1 mL) Diameters: % of Shrinkage

Certificate of Accreditation: Supplement

Atrya Lab. S.A. de C.V

Av. Rio Consulado #2614, Col. San Juan de Aragón
Ciudad de México, México, México. C.P. 07920
Contact Name: Angel Martinez Phone: 552-603-7450

Accreditation is granted to the facility to 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
Mechanical[F]	Containers PET Filled Hot Drink (NCB-HF)	Hot Filled Distortion	Voluntary Standard Test Methods for Pet Bottles	Height: 0.01 mm to 500 mm Diameters: 28 mm to 200 mm (Res.= 0.01 mm) Appearance Height: % of Shrinkage
	Containers PET Carbonated Drinks (CSD) Nitrogen Drinks (NCB-P) Filled Hot Drink (NCB-HF)	Sectional Weights	Voluntary Standard Test Methods for Pet Bottles	200 mL to 4 000 mL (Containers) 0.001 g to 300 g (Res.= 0.001 mm)
	Containers PET Carbonated Drinks (CSD) Nitrogen Drinks (NCB-P) Filled Hot Drink (NCB-HF)	Axial Load	Voluntary Standard Test Methods for Pet Bottles	200 mL to 10 L (Containers) 0.01 kg to 100 kg (Res.= 0.01 kg)
	Containers PET Carbonated Drinks (CSD) Nitrogen Drinks (NCB-P)	Resistance to Internal Pressure	Voluntary Standard Test Methods for Pet Bottles	200 mL to 4 000 mL (Containers) 6.89 kPa to 2 068.43 kPa (Res = 6.89 kPa)
	Containers PET Carbonated Drinks (CSD) Nitrogen Drinks (NCB-P) Filled Hot Drink (NCB-HF)	Weight of Container	Voluntary Standard Test Methods for Pet Bottles	0.01 g to 300 g (Res.= 0.001 g) 0.1 g to 4 000 g (Res.= 0.1 g)
	Thin Plastic Sheeting	Maximum Load	ASTM D 882	1 N to 1 000 N (Res.= 0.2 N)
		Load at Break		1 N to 1 000 N (Res.= 0.2 N)
		Tensile Strength		0.1 MPa to 39.32 MPa (Res.= 0.01 MPa)
		Tensile Strength at Break		0.1 MPa to 39.32 MPa (Res.= 0.01 MPa)
		Breaking Factor		0.2 kN/m to 1 000 kN/m (Res.= 0.04 kN/m)
	Thin Plastic Sheeting	Percentage at Break	ASTM D 882	1 % to 1 000 % (Res.= 0.1 %)
		Static and Kinetic Coefficients of Friction	ASTM D 1894	0.1 to 25.5 (Dimensionless) (Res.= 0.1)

1. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer[F] would mean that the laboratory performs this testing at its fixed location.