



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

**The Standards Institution of Israel
Chemistry, Health & Environment Laboratory**

**42 Chaim Levanon Street
Tel-Aviv, 69977 Israel
(and the satellite locations as listed on scope)**

Fulfills the requirements of

ISO/IEC 17025:2017

and the

**U.S. CPSC Children's Product Safety Testing
Accreditation Program**

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

Jason Stine, Vice President

Expiry Date: 14 May 2026

Certificate Number: AT-2045



This laboratory 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 (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

The Standards Institution of Israel Chemistry, Health & Environment Laboratory

Corporate Location

42 Chaim Levanon Street
Tel-Aviv, 69977 Israel
www.sii.org.il

Mrs. Dr Ruti Ardi, Head of Laboratory

Phone: 972-3-646-5214
E-mail: chemlab@sii.org.il

Mr. Yaniv Shammai, Chief Engineer

Phone: +972-3-6467622
E-mail: chemlab@sii.org.il

TESTING

ISO/IEC 17025 Accreditation Granted: **14 May 2024**

Certificate Number: **AT-2045**

Certificate Expiry Date: **14 May 2026**

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Dimensional stability of fabrics after washing/ home laundering	ISO 6330; ISO 3759 ISO 5077; AATCC TM135	Textile	Washing machine - wascator, whirlpool washing machine, whirlpool dryer, ballast scale
Visual appearance	AATCC TM124 ISO 15487 AATCC TM88B AATCC TM88C	Textile	Washing machine - wascator, whirlpool washing machine, whirlpool dryer, ballast scale
Tensile and elongation	ASTM D 5034	Textile	Shimadzu and Zwick tensile machines
Tear strength	ASTM D1424 ISO 13937-1 ISO 6383-2	Textile	Elmendorf - Atlas
Abrasion Resistance	ISO 12947 ASTM D4970	Textile	Martindale - SDL

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Colorfastness to laundering	ISO 105-C06 AATCC TM 61	Textile	Linetest, standard fabrics, grey scale
Colorfastness to water	ISO 105-E01 AATCC TM107	Textile	Standard fabrics, grey scale
Colorfastness to perspiration	ISO 105- E04, AATCC TM15	Textile	Standard fabrics, grey scale
Colorfastness to pool water	ISO 105- E03 AATCC TM162	Textile	Standard fabrics, grey scale
Colorfastness to sea water	ISO 105- E02 AATCC TM106	Textile	Standard fabrics, grey scale
Colorfastness to light	ISO 105 AATCC TM 16.3	Textile	Xenotester, standard fabrics, grey scale
Colorfastness to rubbing	ISO 105-X12 AATCC TM8	Textile	Standard fabrics, crockmeter, grey scale
Pilling resistance	ASTM D3512 ISO 12945-1	Textile	Atlas pilling machine
Snagging Resistance	BS EN ISO 12945-3	Textile	ICI orbitor
Stretch (strip method)	ASTM D 5035 ISO 13934-1	Textile	Shimadzu and Zwick tensile machines
Bursting strength	ASTM D3786	Textile	Mullen bursting machine
Seam slippage	ISO 13936-2	Textile	Shimadzu and Zwick tensile machines
Wrinkle Recovery	AATCC 66	Textile	AATCC scale
Spirality	AATCC 179	Textile	AATCC scale
Weight fabric density	ASTM D3776 ASTM D 3775	Textile	Semi-analytical balance Visual

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Yarn count	ASTM D 2260	Textile	Semi-analytical balance, Shirley scale
Visual and tactile examination	EN 14350-1, clause 5.2 SI 5817 part 1	Consumer products, toys and juvenile products\ Children articles	Visual
Small parts	EN 14350-1, clause 5.3: Small parts SI 5817 part 1	Consumer products, toys and juvenile products\ Children articles	Small parts cylinder
Volume	EN 14350-1 Clause 5.4: Volume SI 5817 part 1	Consumer products, toys and juvenile products\ Children articles	Visual
Resistance to tearing:	EN 14350-1 Clause 5.5 SI 5817 part 1	Consumer products, toys and juvenile products\ Children articles	Zwick tensile machine
Additional requirements for re-usable products	EN 14350-1 Clause 5.6 SI 5817 part 1	Consumer products, toys and juvenile products\ Children articles	Boiling water
Additional requirements for sealing discs	EN 14350-1 Clause 5.7 SI 5817 part 1	Consumer products, toys and juvenile products\ Children articles	Caliper
Requirements for match components	EN 14350-1 Clause 5.8 SI 5817 part 1	Consumer products, toys and juvenile products\ Children articles	Templates A and B
Requirements for protrusions	EN 14350-1 Clause 5.9 SI 5817 part 1	Consumer products, toys and juvenile products\ Children articles	Zwick tensile machine
Requirements for straws	EN 14350-1 Clause 5.10 SI 5817 part 1	Consumer products, toys and juvenile products\ Children articles	Zwick tensile machine
Determination of the protected volume	EN 1888-1 Clause 4.5 SI 1888-1	Wheeled child conveyances	Ruler and meter
Determination of the junction line	EN 1888-1 Clause 4.6 SI 1888-1	Wheeled child conveyances	Ruler and meter
Determination of the occupant space	EN 1888-1 Clause 4.7 SI 1888-1	Wheeled child conveyances	-

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Protective function	EN 1888-1 Clause 8.1	Wheeled child conveyances	Inclinometer, various gauges, force gauge, 360 rotation tester.
Entrapment hazards	EN 1888-1 Clause 8.2 SI 1888-1	Wheeled child conveyances	Various gauges, force gauge.
Hazards from moving parts	EN 1888-1 Clause 8.3 SI 1888-1	Wheeled child conveyances	Various gauges, force gauge.
Entanglement hazards	EN 1888-1 Clause 8.4 SI 1888-1	Wheeled child conveyances	Meter, various gauges.
Choking and ingestion hazards	EN 1888-1 Clause 8.5 SI 1888-1	Wheeled child conveyances	Various gauges, Torque meter, bite tester and force gauge.
Suffocation hazards	EN 1888-1 Clause 8.6 SI 1888-1	Wheeled child conveyances	Meter, thickness gauge
Hazardous edges and protrusions	EN 1888-1 Clause 8.7 SI 1888-1	Wheeled child conveyances	Various gauges.
Parking and braking devices	EN 1888-1 Clause 8.8 SI 1888-1	Wheeled child conveyances	Inclined surface, meter, weights.
Stability	EN 1888-1 Clause 8.9 SI 1888-1	Wheeled child conveyances	Inclined surface, weights.
Structural integrity	EN 1888-1 Clause 8.10 SI 1888-1	Wheeled child conveyances	Conveyor, 360 rotation testers, handles integrity tester, force gauge, weights, dynamic strength tester.
Durability of marking	EN 1888-1 Clause 9 SI 1888-1	Wheeled child conveyances	Cotton fabric.

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Product information	EN 1888-1 Clause 10 SI 1888-1	Wheeled child conveyances	-
Restraint system	EN 1888-2 Clause 6.1 SI 1888-2	Wheeled child conveyances (above 15 kg up to 22 kg)	Various gauges, force gauge.
Parking and braking devices	EN 1888-2 Clause 6.2 SI 1888-2	Wheeled child conveyances (above 15 kg up to 22 kg)	Inclined surface, meter, weights.
Stability	EN 1888-2 Clause 6.3 SI 1888-2	Wheeled child conveyances (above 15 kg up to 22 kg)	Inclined surface, weights.
Structural integrity	EN 1888-2 Clause 6.4 SI 1888-2	Wheeled child conveyances (above 15 kg up to 22 kg)	Conveyor, 360 rotation tester, handles integrity tester, force gauge, weights, dynamic strength tester.
Product information	EN 1888-2 Clause 7 SI 1888-2	Wheeled child conveyances (above 15 kg up to 22 kg)	-
Child retention function	EN 12227 Clause 8.1 SI 12227-1	Playpens	Various gauges, meter, Weights
Requirements for castors/wheels	EN 12227 Clause 8.2 SI 12227-1	Playpens	-
Entrapment	EN 12227 Clause 8.3 SI 12227-1	Playpens	Force gauge, various gauges.
Hazards from moving parts	EN 12227 Clause 8.4 SI 12227-1	Playpens	Force gauge, various gauges.
Entanglement	EN 12227 Clause 8.5 SI 12227-1	Playpens	Force gauge, various gauges, ball chain loop and spherical mass.

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Choking and ingestion hazards	EN 12227 Clause 8.6 SI 12227-1	Playpens	torque and bite tester, force gauge
Suffocation hazards	EN 12227 Clause 8.7 SI 12227-1	Playpens	Thickness gauge
Hazardous edges and projections	EN 12227 Clause 8.8 SI 12227-1	Playpens	-
Structural integrity	EN 12227 Clause 8.9 SI 12227-1	Playpens	Impact tester (base and sides), weights, force gauge.
Stability	EN 12227 Clause 8.10 SI 12227-1	Playpens	Weights, force gauge.
Product information	EN 12227 Clause 9 SI 12227-1	Playpens	-
Marks and inscriptions	ISO 4064-1 Clause 6.6 SI 4064-1	Water meters for cold potable water and hot water	-
Static pressure test	ISO 4064-2 Clause 7.3 SI 4064-2	Water meters for cold potable water and hot water	Manometer
Determination of intrinsic errors	ISO 4064-2 Clause 7.4 SI 4064-2	Water meters for cold potable water and hot water	Coriolis
Water temperature test	ISO 4064-2 Clause 7.5 SI 4064-2	Water meters for cold potable water and hot water	Coriolis
Overload water temperature test	ISO 4064-2 Clause 7.6 SI 4064-2	Water meters for cold potable water and hot water	Coriolis

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Water pressure test	ISO 4064-2 Clause 7.7 SI 4064-2	Water meters for cold potable water and hot water	Coriolis
Reverse flow test	ISO 4064-2 Clause 7.8 SI 4064-2	Water meters for cold potable water and hot water	Coriolis
Pressure loss test	ISO 4064-2 Clause 7.9 SI 4064-2	Water meters for cold potable water and hot water	Coriolis, Differential meter
Flow disturbance tests	ISO 4064-2 Clause 7.10 SI 4064-2	Water meters for cold potable water and hot water	Coriolis, swirl generator
Durability tests	ISO 4064-2 Clause 7.11 SI 4064-2	Water meters for cold potable water and hot water	Coriolis
Magnetic field testing	ISO 4064-2 Clause 7.12 SI 4064-2	Water meters for cold potable water and hot water	Coriolis, Magnet
Absence of flow test	ISO 4064-2 Clause 8.17 SI 4064-2	Water meters for cold potable water and hot water	Coriolis
Dip in warm water	Clause 8.18 SI 4064-2	Water meters for cold potable water and hot water	Coriolis
In-line meters	ISO 4064-4 Clause 4.1 SI 4064-4	Water meters for cold potable water and hot water	Coriolis
Meter size and overall dimensions	ISO 4064-4 Clause 4.1.1 SI 4064-4	Water meters for cold potable water and hot water	Caliber, Ring gauges
Requirements – General	ISO 14372 Clause 5.1 SI 14372	Child use and care articles - Cutlery and feeding utensils	Tensile Tester

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Requirements – General requirements	ISO 14372 Clause 5.2 SI 14372	Child use and care articles - Cutlery and feeding utensils	Visual and sharp edges and sharp points testing device, Durometer, Small parts Cylinder, Tension/Compression machine, Various gauges
Requirements – Mechanical requirements	EN 14372 Clause 5.3 SI 14372	Child use and care articles - Cutlery and feeding utensils	Torque testing machine, Tension/Compression machine, Dropping surface, Durometer
Product information	EN 14372 Clause 7 SI 14372	Child use and care articles - Cutlery and feeding utensils	Visual, Caliper
Furniture - Children's cots and folding cots for domestic use - Part 1: Safety requirements	EN 716-1 SI 682-1 (Excluding clause 4.2.3)	Furniture - Children's cots and folding cots	Test Machine with Load Cell Loading Pads Weights Impact Equipment
Children's high chairs - Requirements and test methods	EN 14988 SI 14988-1	Children's high chairs	Test Machine with Load Cell Loading Pads Weights Impact Equipment
Child use and care articles - Baby walking frames - Safety requirements and test methods	EN 1273 SI 1273	Child use and care articles - Baby walking frames	Test Machine with Load Cell Loading Pads Weights Impact Equipment
Children's cots and folding cots for domestic use: Cribs and cradles – Safety requirements	EN 1130 SI 682-3	Children's cots and folding cots for domestic use: Cribs and cradles	Test Machine with Load Cell Loading Pads Weights Impact Equipment
Changing units: Changing units for domestic use – Safety requirements	EN 12221-1 SI 5115-1	Changing units: Changing units for domestic use	Test Machine with Load Cell Loading Pads Weights Impact Equipment
Playground equipment: General safety requirements and test methods	EN 1176-1 SI 1498-1	Playground equipment	Caliber, Impact test device, Meter, Entrapment Gages, Electronic Force Meter, Electronic leveler

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Playground equipment: Additional specific safety requirements and test methods for Swings	EN 1176-2 SI 1498-2	Swings	Caliber, Impact test device, Meter, Entrapment Gages, Electronic Force Meter, Electronic leveler
Playground equipment: Additional specific safety requirements and test methods for Slides	EN 1176-3 SI 1498-3	Slides	Caliber, Tape Measure, Entrapment Gages, Electronic Force Meter, Electronic leveler
Playground equipment: Additional specific safety requirements and test methods for Runways	EN 1176-4 SI 1498-4	Runways	Caliber, Impact test device, Tape Measure, Entrapment Gages, Electronic Force Meter, Electronic leveler, Stopwatch
Playground equipment: Additional specific safety requirements and test methods for Carousels	EN 1176-5 SI 1498-5	Carousels	Caliber, Impact test device, Tape Measure, Entrapment Gages, Electronic Force Meter, Electronic leveler, Stopwatch
Playground equipment: Additional specific safety requirements and test methods for Rocking Equipment	EN 1176-6 SI 1498-6	Rocking Equipment	Caliber, Tape Measure, Entrapment Gages, Electronic Force Meter, Electronic leveler
Playground equipment: Guidance on installation, inspection maintenance and operation	EN 1176-7 SI 1498-7	Playground equipment	Caliber, Impact test device, Tape Measure, Entrapment Gages, Electronic Force Meter, Electronic leveler
Playground equipment and surfacing: playground	SI 1498-8	Playground equipment	Caliber, Impact test device, Tape Measure, Entrapment Gages, Electronic Force Meter, Electronic leveler, Weights
Inflatable play equipment - Safety requirements and test methods	EN 14960 SI 5378	Inflatable play equipment	Caliber, Impact test device, Tape Measure, Entrapment Gages, Electronic Force Meter, Electronic leveler, Electronic pressure gauge
Water slides: safety requirements and test methods	EN 1069-1 SI 1605-1	Water slides	Caliber, Tape Measure, Entrapment Gages, Electronic Force Meter, Electronic leveler, Stopwatch

This Scope of Accreditation, version 014, was last updated on: 11 July 2025 and is valid only when accompanied by the Certificate.

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Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Water slides: Instructions	EN 1069-2 SI 1605-2	Water slides	Caliber, Impact test device, Tape Measure, Entrapment Gages, Electronic Force Meter, Electronic leveler
Thickness	ASTM D5199	HDPE sheet	Thickness gauge
Density	ASTM D792	HDPE sheet	Density meter
Tensile properties	ASTM 6693	HDPE sheet	Tensile testing machine
Tear resistance	ASTM D1004	HDPE sheet	Tensile testing machine
Puncture resistance	ASTM D4833	HDPE sheet	Tensile testing machine
Carbon black content	ASTM D4218	HDPE sheet	Tube furnace
Carbon black content	ASTM D5596	HDPE sheet	Microscope
Peal and shear of welded sheets	ASTM D6392	HDPE welded sheets	Tensile testing machine
Child use and care articles - Wheeled child conveyances: Pushchairs and prams	BS EN 1888 parts 1 + 2	Children strollers according to the British standards	Different gauges for length, height and probes, dedicated test equipment for strollers
Children's high chairs - Requirements and test methods	BS EN 14988	Children high chairs according to the British standard	Different gauges for length, height and probes, dedicated test equipment for high chairs
Playpens for domestic use. Safety requirements and test methods	BS EN 12227	Playpens according to the British standard	Different gauges for length, height and probes, dedicated test equipment for playpens
Children's furniture. Cribs. Safety requirements and test methods	BS EN 1130	Cribs according to the British standard	Different gauges for length, height and probes, dedicated test equipment for cribs
Child use and care articles. Changing units for domestic use – safety requirements	BS EN 12221-1	Changing units according to the British standard	Different gauges for length, height and probes, dedicated test equipment for changing units
Plywood: Plain Plywood	According to SI 37-1	Mechanical testing of laminated plywood	Tensile machine

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Migration of certain elements Heavy Elements Hexavalent Chromium Cadmium (Cd) Extractability	EN 71 part 3; SI 562 part 3 ASTM F963-23 clause 4.3.5 ¹ ASTM F2923 clauses 5,8,9,10 SI 6558 part 1 (ASTM F2923-20 clauses 8,9) CPSC-CH-E1004-11 ¹	Children's products, toys, consumer products Children's jewelry	XRF ICP-MS IC-ICP-MS
Phthalates	With reference to: SI 562 part 9 Test Method: CPSC-CH-C1001-09.4 ¹	Children's products, toys, consumer products, Food contact materials (FCM)	GC-MS
BPA	EN 14350-2 clause 5.5:2004 SI 5817 part 2	Food contact materials (FCM), baby bottles, consumer products	HPLC
Migration of Substances (Elements) Leachable Cadmium and Lead from Ceramics	EU regulation 1935/2004 EU regulation 10/2011 SI 5113; SI 1003 BS 6748+A1 ISO6486-1 ISO6486-2	Food contact materials (FCM)	ICP-MS
Overall Migration	e-CFR TITLE 21—Food and Drugs- part 170-190 EU regulation 1935/2004 EU regulation 10/2011 EN 1186; EN 13130; SI 5113	Food contact materials (FCM)	Gravimetric
Lead	NSF/ANSI 372 SI 5452	Water Devices	XRF ICP-MS
Drinking water system components (Odor and Flavor of water Taste, Appearance of water extract, Extraction of metals)	NSF/ANSI 61 BS 6920-2.2.1 AS/NZS 4020 Clauses 6.2, 6.3, 6.7 SI 5452	Water Devices	ICP-MS Turbidimeter, Spectrophotometer Water tasting glasses

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Lead	Lead in Non-Metal Children's Products Test Method: CPSC-CH-E1002-08.3¹ Lead in Metal Children's Products Test Method: CPSC-CH-E1001-08.3¹ Lead in paint Test Method: CPSC-CH-E1003-09.1 ASTM F2853-10¹ SI 6558-Part 1 (ASTM F2923 clause 5)	Consumer products	XRF ICP-MS
Lead, Mercury, Cadmium, total Chromium and total Bromine	RoHS 3 (EU 2015/863) RoHS 2 2011/65 EU IEC 62321 1,2,3-1,4,5	Electrotechnical products	ICP-MS X-ray fluorescence spectrometry
Gold by fire assay	ISO 11426 SI 299	Jewelry	Gravimetric analytical balance
Silver by titration	ISO 13756 SI 573	Jewelry	Automatic titrator
pH	AATCC 81, FED STD 191A Method 2811 ISO 3071	Textile	pH-meter
Elements: Zn, Na, Mg, Mn, Fe, K, Ca, Cu, I, Pb, Cd, As, Hg, Al, Se, Sn	Based on: ISO 17294- 1,2 BS EN 15763	Foodstuff	ICP-MS

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Total Inorganic As	Based on: ISO TC 19620, EN 16802	Foodstuff	IC-ICP-MS after acid extraction
Volatile Substances + Methanol	Based on Official Journal of the EC L333/36 SI 1318, SI 1572, SI 309	Wine and alcoholic Beverages	GC-FID
% alcohol by volume Specific weight	OIV -Alcoholic strength by volume MA-E-AS312-01-TALVOL Method C - Densimetry Using Hydrostatic Balance. SI 1318, SI 1572, SI 407, SI 309	Wine and alcoholic Beverages	Hydrostatic scales Super Alcomat Gibertini
Sorbic Acid+ Benzoic Acid Organic acids (malic, lactic, tartaric, citric)	Based on: AOAC official method 994.11 "Benzoic acid in orange juice" Liquid chromatographic method Based on: OIV-MA-AS313-20 SI 1318, SI 1572	Wine and alcoholic Beverages	HPLC DAD
Sugars	Based on: AOAC 31.044-31.037 SI 1318, SI 1572	Wine and alcoholic Beverages	Classical chemistry, Wet chemistry
Sulfur dioxide	OIV MA-E-AS323-04-DIOSO4 AOAC 962.16 SI 1318, SI 1572, SI 407	Foodstuff, Wine and alcoholic Beverages	Classical chemistry, Wet chemistry Super D.E.E Gibertini
Protein content	Based on: AOAC 976.05	Foodstuff	Kjeldahl Analyzer
Protein content	In house Method with Reference to AOCS Official Method Ba 4e-93 & ISO 14891	Foodstuff	Dumas Analyzer

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Fat Content	AOAC 922.06, AOAC 945.48, AOAC 933.05	Foodstuff	Classical chemistry, Wet chemistry
Fatty Acid Composition	Based on SI 228	Foodstuff	GC-FID
MBT	EN 1400 SI 1157	Soothers for babies and young children.	HPLC-DAD
Antioxidants: BHT, Antioxidant 2246, Cyanox 425, Wingstay L, Irganox 1520	EN 1400 SI 1157	Soothers for babies and young children.	HPLC-DAD
Release of Nickel	EN 1811 SI 1811 SI 6558-Part 1 (ASTM F2923 clause 10)	All post assemblies which are inserted into pierced parts of the human body and articles intended to come into direct and prolonged contact with the skin	ICP-MS
Polymer and Plastic Identification	ASTM E168 ASTM E1252	Polymer and Plastic	Reflectance Fourier Transform Infrared Spectroscopy (ATR-FTIR)
Content of elements: Li, Be, B, Na, Mg, Al, K, Ca, V, Cr, Fe, Co, Ni, Cu, Zn, As, Se, Sr, Mo, Ag, Cd, Sb, Ba, Hg, Tl, Pb, P, S, Si, Sn, Ti, W, U	Based on SM 3125	Surface, ground, and drinking waters	ICP-MS
Fluoride (F-), Chloride (Cl-), Sulphate (SO ₄ ²⁻)	Based on SM 4110	Surface, ground, and drinking waters	Ion Chromatograph

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Appendix 8: Entry 43 - Azocolourants - List of Aromatic Amines Aniline Cas: 62-53-3 m-Phenylenediamine, CAS: 108-45-2	UNI EN 13130-1+ EUR 24815 EN 2011 SI 5113 + EU 10/2011	Plastic food contact materials	LCMS
Volatile Organic Compounds (VOC)	EPA 524.3	Drinking Water	Purge and Trap + GCMS
Nitrosamines	ISO 12868 EN 71-12	Soothers for babies and young children Drinking equipment for children Toys	LCMS/MS
Fructose, Glucose, Sucrose	SI 373 Clauses 3.3.2.1 and 3.3.2.2 AOAC 977.20	Honey, Drinks	HPLC Refractive Index
Moisture Content	SI 373 Clause 3.3.2.3 AOAC 969.38	Honey	Refractometer
Water Insoluble Solids Content	SI 373 Clause 3.3.2.4 International Honey Commission Clause 7.4	Honey	Classical chemistry, Wet chemistry
Electrical Conductivity	SI 373 Clause 3.3.2.5 International Honey Commission Clause 7.5	Honey	Conductivity meter
Free Acidity	SI 373 Clause 3.3.2.6 AOAC 962.19	Honey	Classical chemistry, Wet chemistry
Diastase Activity	SI 373 Clause 3.3.2.7 AOAC 958.09	Honey	UV spectrophotometry
Hydroxymethylfurfural Content (HMF)	SI 373 Clause 3.3.2.8 AOAC 980.23	Honey	UV spectrophotometry

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Acidity	SI 216 Clause 205.2, SI 228 Clause 211 AOCS Ca 5a-40	Edible Vegetable Oils	Titration
Peroxide Value	SI 216 Clause 205.6, SI 228 Clause 215. SI 191 Clauses 4.3 and 11.14 AOCS Cd 8b-90	Edible Vegetable Oils, Olive Oil	Titration
Unsaponifiable matter	SI 191 Clauses 3.8 and 11.11 ISO 3596	Olive Oil	Titration
Free Acidity	SI 191 Clauses 4.2 and 11.13 COI T20	Olive Oil	Titration
Absorbency in ultra-Violet	SI 191 Clauses 4.4 and 11.15 COI T.20	Olive Oil	UV spectrophotometry
Moisture and Volatile matter	SI 191 Clauses 4.5 and 11.16 ISO 662	Olive Oil	Classical chemistry, Wet chemistry
Insoluble Impurities in light petroleum	SI 191 Clauses 4.6 and 11.17 ISO 663	Olive Oil	Classical chemistry, Wet chemistry
Chemicals used for treatment of water intended for human consumption: Hydrochloric acid	EN 939 SI 5438-1	Hydrochloric acid	Classical chemistry, Wet chemistry
Chemicals used for treatment of water intended for human consumption: Sulfuric acid	EN 899 SI 5438-10	Sulfuric acid	Classical chemistry, Wet chemistry
Chemicals used for treatment of water intended for human consumption: Calcium carbonate	EN 1018 SI 5438-12	Calcium carbonate	Classical chemistry, Wet chemistry
Oxidation Induction Times test	ISO 11357-6 INTERNATIONAL STANDARD	Polyolefins	DSC 4000 Differential scanning calorimeter

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Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
24 Polyfluoroyl substances (PFAS) in prepared samples or sample extracts	Based on EPA 8327	Water	LC-MS-MS
Determination of 16 Per and Polyfluoroalkyl Substances (PFAS) in Processed Food	Based on FDA C010.02	Foodstuff	LC-MS-MS
Formaldehyde	According to EN 12460-3, SI 37-2	Chemical testing of laminated batten plywood	Spectrophotometer and dedicated climate-controlled chambers
Formaldehyde in textiles	EN ISO 14184-1	Water-soluble formaldehyde in fabrics	Spectrophotometer
Formaldehyde	According to EN 12460-5, SI 1913	Oriented Strand Board (OSB)	Spectrophotometer and Soxhlet extraction apparatus
Formaldehyde	According to EN 12460-3 and EN 12460-5 SI 1481	Medium-density fiberboard (MDF) faced and unfaced	Spectrophotometer and dedicated climate-controlled chambers or Soxhlet extraction apparatus
Formaldehyde	According to EN 12460-3 and EN 12460-5 SI 887 parts 1, 2 and 3	Particleboard, faced and unfaced	Spectrophotometer and dedicated climate-controlled chambers or Soxhlet extraction apparatus
Wood-based panels — Determination of formaldehyde release- Gas analysis method	EN 12460-3	Chemical testing of laminated plywood	Spectrophotometer and Dedicated climate-controlled chambers

Satellite Location

Materials and Children Safety Branch
Beer Sheva Site

HaShalom Str. 1 POB 1035
Beer Sheva, Israel

Toys@sii.org.il

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Material cleanliness	EN 71 part 1: clause 4.1 SI 562 part 1	Children's toys	Visual
Assembly	EN 71 part 1: clause 4.2 SI 562 part 1	Children's toys	Visual
Flexible plastic sheeting, Toy bags, Packaging	EN71-Part 1: clause 4.3, 4.4, 6 SI 562 part 1	Children's toys	Thickness meter
Glass	EN71-Part 1: clause 4.5 SI 562 part 1	Children's toys	Visual and sharp edges and sharp points testing device
Expanding materials	EN71-Part 1: clause 4.6 SI 562 part 1	Children's toys	Calliper, Torque testing machine, Small parts cylinder, Tension/Compression machine, Dropping surface, Distilled water
Edges	EN71-Part 1: clause 4.7 SI 562 part 1	Children's toys	Sharp edges testing device
Points and metallic wires	EN 71 part 1: clause 4.8 SI 562 part 1	Children's toys	Sharp edges testing device
Protruding parts	EN 71 part 1: clause 4.9 SI 562 part 1	Children's toys	Caliper and radius meter, Sharp edges and sharp points testing device, Tension/Compression machine
Parts moving against each other: Folding and sliding mechanisms	EN 71 part 1: clause 4.10.1 SI 562 part 1	Children's toys	Meter, Weights, Sharp edges and sharp points testing device, Tension/Compression machine

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Parts moving against each other: Driving mechanism	EN 71 part 1: clause 4.10.2 SI 562 part 1	Children's toys	Accessibility probe, Sharp edges and sharp points testing device, 5 and 12 mm rods
Parts moving against each other: Hinges	EN 71 part 1: clause 4.10.3 SI 562 part 1	Children's toys	Balance, 5 and 12 mm rods
Parts moving against each other: Springs	EN 71 part 1: clause 4.10.4 SI 562 part 1	Children's toys	Tension/compression machine, Caliper, Accessibility probe
Mouth-actuated toys and other toys intended to be put in the mouth	EN 71 part 1: clause 4.11 SI 562 part 1	Children's toys	Piston pump, Small parts cylinder, Torque gauge, Tension/Compression machine
Balloons	EN 71 part 1: clause 4.12 SI 562 part 1	Children's toys	Visual
Cords of toys kites and other flying toys	EN 71 part 1: clause 4.13 SI 562 part 1	Children's toys	Electrical resistance meter, Acclimatization chamber
Enclosures: Toys which a child can enter	EN 71 part 1: clause 4.14.1 SI 562 part 1	Children's toys	Meter, Force gauge
Enclosures: Masks and helmets	EN 71 part 1: clause 4.14.2 SI 562 part 1	Children's toys	Caliper, Sharp edges and sharp points testing device, Torque gauge, Tension/Compression machine
Toys intended to bear the mass of a child	EN 71 part 1: clause 4.15 SI 562 part 1	Children's toys	Weight, Slope, Dynamic strength conveyor, Sharp edges and sharp points testing device, 5 and 12 mm rods, Caliper
Heavy immobile toys	EN 71 part 1: clause 4.16 SI 562 part 1	Children's toys	Slope
Projectiles	EN 71 part 1: clause 4.17 SI 562 part 1	Children's toys	Balance, Torque gauge, Tension/Compression machine, Small parts Cylinder, Projectiles gauge
Aquatic toys and inflatable toys	EN 71 part 1: clause 4.18 SI 562 part 1	Children's toys	Torque gauge, Tension/Compression machine, Small parts Cylinder, Caliper

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Percussion caps specifically designed for use in toys and toys using percussion caps	EN 71 part 1: clause 4.19 SI 562 part 1	Children's toys	Visual
Acoustics	Based on: EN 71 part 1: clause 4.20 SOP 225.2001; SI 562 part 1	Children's toys	Acoustic meter - screening
Small balls	EN 71 part 1: clause 4.22 SI 562 part 1	Children's toys	Template E, Torque gauge, Tension/Compression machine
Magnets	EN 71 part 1: clause 4.23 SI 562 part 1	Children's toys	Magnetic flux meter, Torque gauge, Tension/Compression machine, Caliper, A Nickel disc
Yo-Yo	EN 71 part 1: clause 4.24 SI 562 part 1	Children's toys	Yo-Yo test machine
Toys intended for children under 36 months- General requirements	EN 71 part 1: clause 5.1 SI 562 part 1	Children's toys	Torque gauge, Tension/Compression machine, Sharp edges and sharp points testing device, Small parts cylinder, Dropping Surface, Distilled water
Soft-filled toys and soft-filled parts of a toy	EN 71 part 1: clause 5.2 SI 562 part 1	Children's toys	Small parts Cylinder, Tension/Compression machine, Probe A
Plastic sheeting	EN 71 part 1: clause 5.3 SI 562 part 1	Children's toys	Thickness meter
Cords, chains and electrical cables in toys	EN 71 part 1: clause 5.4 SI 562 part 1	Children's toys	Meter, Tension/Compression machine, Force gauge, Caliper
Liquid-filled toys	EN 71 part 1: clause 5.5 SI 562 part 1	Children's toys	Force gauge, Incubator, Refrigerator
Speed limitation of electrically-driven ride-on toys	EN 71 part 1: clause 5.6 SI 562 part 1	Children's toys	Speedometer
Glass and porcelain	EN 71 part 1: clause 5.7 SI 562 part 1	Children's toys	Accessibility Visual
Shape and size of certain toys	EN 71 part 1: clause 5.8 SI 562 part 1	Children's toys	Template A, B

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Toys comprising monofilament fibres	EN 71 part 1: clause 5.9 SI 562 part 1	Children's toys	Visual, Meter
Small balls	EN 71 part 1: clause 5.10 SI 562 part 1	Children's toys	Template E, Torque gauge, Tension/Compression machine
Play figures	EN 71 part 1: clause 5.11 SI 562 part 1	Children's toys	Meter, Template B
Hemispheric-shaped toys	EN 71 part 1: clause 5.12 SI 562 part 1	Children's toys	Meter, Torque gauge, Tension/Compression machine, Dropping surface, Distilled water
Suction cups	EN 71 part 1: clause 5.13 SI 562 part 1	Children's toys	Torque gauge, Tension/Compression machine, Template E
Packaging	EN 71 part 1: clause 6 SI 562 part 1	Children's toys	Thickness meter
Safety of toys: Activity toys for domestic toys.	EN 71 part 8; SI 562 part 8	Children's toys	Specific equipment, Probes, Weights for activity toys test equipment
Warnings, markings and instructions for use (Requirements - General requirements)	EN 71 part 1: clause 7 SI 562 part 1	Children's toys	Visual, Caliper
Flammability – General requirements	EN 71 part 2: clause 4.1 SI 562 part 2	Children's toys	Surface flash tester and viscosity meter
Toys to be worn on the head	EN 71 part 2: clause 4.2 SI 562 part 2	Children's toys	Flammability tester, Acclimatization chamber, Temperature and humidity meter
Toy disguise costumes and toys intended to be worn by a child in play	EN 71 part 2: clause 4.3 SI 562 part 2	Children's toys	Flammability tester, Acclimatization chamber, Temperature and humidity meter, Washing equipment
Toys intended to be entered by a child	EN 71 part 2: clause 4.4 SI 562 part 2	Children's toys	Flammability tester, Acclimatization chamber, Temperature and humidity meter, Washing equipment

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Soft-filled toys	EN 71 part 2: clause 4.5 SI 562 part 2	Children's toys	Flammability tester, Acclimatization chamber, Temperature and humidity meter, Washing equipment
Material quality	ASTM F963-23 clause 4.1 ¹	Children's toys	Visually
Sound-Producing Toys	Based on: ASTM F963-23 clause 4.5 ¹ SOP 225.2001	Children's toys	Acoustic meter - screening
Small Objects	ASTM F963-23 clause 4.6 ¹	Children's toys	Torque gauge, Tension/Compression machine, Small parts cylinder, Dropping Surface, Distilled water, Piston pump
Accessible Edges	ASTM F963-23 clause 4.7 ¹	Children's toys	Use and abuse test equipment, Sharp edges and sharp points testing device
Projections	ASTM F963-23 clause 4.8 ¹	Children's toys	Use and abuse test equipment, Visual
Accessible Points	ASTM F963-23 clause 4.9 ¹	Children's toys	Use and abuse test equipment, Visual, Sharp point tester
Wires or Rods	ASTM F963-23 clause 4.10 ¹	Children's toys	Use and abuse test equipment, Flexure tester, Sharp point and sharp edge tester
Nails and Fasteners	ASTM F963-23 clause 4.11 ¹	Children's toys	Visual, Sharp point and sharp edge tester
Plastic Film	ASTM F963-23 clause 4.12 ¹	Children's toys	Use and abuse test equipment, Visual, Micrometer
Folding Mechanisms & Hinges	ASTM F963-23 clause 4.13 ¹	Children's toys	Use and abuse test equipment, Weights, Accessibility rods
Cords, Straps & Elastics	ASTM F963-23 clause 4.14 ¹	Children's toys	Use and abuse test equipment, Meter, Tension/Compression machine, Force gauge, Caliper, Push/pull gauge, Head probe, Loop fixture

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Stability & Overload Requirements	ASTM F963-23 clause 4.15 ¹	Children's toys	Use and abuse test equipment, Visual, Sharp point and sharp edge tester, Steps, Weights, Protractor, Slope
Confined Spaces	ASTM F963-23 clause 4.16 ¹	Children's toys	Use and abuse test equipment, Force gauge, Caliper
Wheels, Tires, & Axles	ASTM F963-23 clause 4.17 ¹	Children's toys	Use and abuse test equipment, Flexure tester, Sharp point and sharp edge tester, Wheel tension clamp
Holes, Clearance, & Accessibility of Mechanisms	ASTM F963-23 clause 4.18 ¹	Children's toys	Visual, Sharp point tester, Accessibility rods
Simulated Protective Devices	ASTM F963-23 clause 4.19 ¹	Children's toys	Use and abuse test equipment, Visual, Sharp point and sharp edge tester, Lens impact tester
Pacifiers	ASTM F963-23 clause 4.20.2 ¹	Children's toys	Pacifier test fixture
Projectile Toys	ASTM F963-23 clause 4.21 ¹	Children's toys	Balance, Torque gauge, Tension/Compression machine, Small parts Cylinder, Projectiles gauge
Teethers & Teething Toys	ASTM F963-23 clause 4.22 ¹	Children's toys	Use and abuse test equipment, Visual, Rattle test fixture, Supplemental test fixture
Rattles	ASTM F963-23 clause 4.23.1 ¹	Children's toys	Use and abuse test equipment, Visual, Rattle test fixture, Supplemental test fixture
Squeeze Toys	ASTM F963-23 clause 4.24 ¹	Children's toys	Use and abuse test equipment, Visual, Rattle test fixture, Supplemental test fixture
Toys Intended to Be Attached to a Crib or Playpen	ASTM F963-23 clause 4.26 ¹	Children's toys	Use and abuse test equipment, Visual
Stuffed & Bean Bag-Type Toys	ASTM F963-23 clause 4.27 ¹	Children's toys	Tension/Compression machine, Small parts cylinder
Stroller and Carriage Toys	ASTM F963-23 clause 4.28	Children's toys	Visual

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Art Materials	ASTM F963-23 clause 4.29	Children's toys	Visual
Toy Gun Marking	ASTM F963-23 clause 4.30 ¹	Children's toys	Visual
Balloons	ASTM F963-23 clause 4.31	Children's toys	Visual
Certain toys with Nearly Spherical Ends	ASTM F963-23 clause 4.32 ¹	Children's toys	Supplemental test fixture
Marbles	ASTM F963-23 clause 4.33	Children's toys	Visual
Balls	ASTM F963-23 clause 4.34	Children's toys	Small ball template
Pom Poms	ASTM F963-23 clause 4.35 ¹	Children's toys	Small ball template
Hemispherical-Shaped Objects	ASTM F963-23 clause 4.36 ¹	Children's toys	Caliper
Yo-Yo Elastic Tether Toys	ASTM F963-23 clause 4.37 ¹	Children's toys	Yo-Yo test machine
Magnets	ASTM F963-23 clause 4.38 ¹	Children's toys	Magnetic flux meter, Torque gauge, Tension/Compression machine, Caliper
Jaw Entrapment in Handles and Steering Wheels	ASTM F963-23 clause 4.39 ¹	Children's toys	Jaw entrapment fixture
Flammability	ASTM F963-23 clause 4.2	Children's toys	Flammability tester, Acclimatization chamber, Temperature and humidity meter, Washing equipment
Volatile compounds	EN 14350-2 clause 4.9 SI 5817 part 2	Consumer products, toys and juvenile products Children articles	Oven, balance, desiccator

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Requirements – General	EN 14372 Clause 5.1 SI 14372	Child use and care articles - Cutlery and feeding utensils	Tensile Tester
Requirements – General requirements	EN 14372 Clause 5.2 SI 14372	Child use and care articles - Cutlery and feeding utensils	Visual and sharp edges and sharp points testing device, Durometer, Small parts cylinder, Tension/Compression machine, Various gauges
Requirements – Mechanical requirements	EN 14372 Clause 5.3 SI 14372	Child use and care articles - Cutlery and feeding utensils	Torque testing machine, Tension/Compression machine, Dropping surface, Durometer
Product information	EN 14372 Clause 7 SI 14372	Child use and care articles - Cutlery and feeding utensils	Visual, Caliper
Jewelry safety: Children's jewelry – Safety requirements	ASTM F2923 SI 6558-1	Children's jewelry	Tensile Tester Machine
Childcare articles - Soother holder - Safety requirements and test methods	EN 12586; SI 12586	Soother holder	Visual, Caliper, Tensile Tester, Loop, Machine, Template A, Template B, 5.5 and 12 mm rods, Acclimatization room Temperature and humidity
Safety of toys: Trampolines for domestic use	EN 71 part 14; SI 562 part 14	Children's trampolines	Specific equipment, Probes, Weights Trampolines test equipment, Tensile Tester Machine, Meter
Child use and care articles — Soothers for babies and young children — Safety requirements and test methods	EN 1400:2013+A2	Soothers	Visual, Caliper, Machine, Template A, Template B, Shield template, Impact mass, Oven, Weight

Satellite Location

Plastic & Irrigation Section
Ruppin Site

Ruppin, Israel

Mr. Eddie Gosher
Head of Plastic & Irrigation Section
Phone: +972 3 6465083
E-mail: gosher@sii.org.il

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Cohesive resistance Test for electrofusion socket fittings Cohesive resistance Test for electrofusion saddle fittings	EN 1555-5 (SI 71555) Clause 4.4 Table 5 ISO 4427-5 Clause 4.4 Table 6 ISO 13954 ISO 13955 ISO 13956	Plastic Pipes	Tensile Testing Machine
Tensile Strength - Butt Fusion Joint	ISO 13953	Plastic Pipes	Tensile Testing Machine
Tensile Strength - Peel Test	ISO 21003-2 Clause 11	Plastic Pipes	Tensile Testing Machine
Tensile Strength - Elongation at brake	ISO 6259-1 ISO 6259-3	Plastic Pipes	Tensile Testing Machine
Agricultural Irrigation Equipment - Emitters and Emitting Pipe - Specification and Test Methods	ISO 9261 (SI 1642)	Emitters & Emitting Pipe	Flow Rate Device (Collectors), Scales, Manometer, Timer

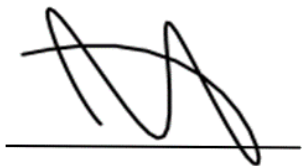
Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Hydrostatic tests	ISO 1167; EN 921 ISO 4427-5: Clause 4.5 ISO 4427-2: Clause 7 Table 3 Clause 7.3 Table 4 ISO 15875 -2 (SI 5433-2): Clause 7 Table 7 ISO 8779: Clause 6 Table 5 ISO 15874-2-(SI 5111): Clause 7 Table 9 EN 1555-5 (SI 71555): Clause 4.4, 4.5 Table 5 EN 1555 -2- (SI 71555): Clause 7 Table 4 ISO 15876-5-(SI 5434): Clause 7 Table 7 ISO 21003-2: Clause 9 Table A EN 1452-5(SI 71452): Clause 4 Table 2 EN 1452-2 (SI 71452) Clause 8.2 Table 7, Table 8	Plastic Pipes	Pressure Test Device: Water Bath, Pressure Generator
Plastic Piping Systems	ISO 17885 Clauses: 9.3.3.1, 9.3.3.2, 9.3.3.4, 9.3.3.7, 9.3.3.8, 9.3.3.9, 9.3.3.10	Mechanical Plastic Fittings	Pressure Test Device: Water Bath, Pressure Generator Tensile Testing Machine

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Thermoplastics pipes - Determination of ring stiffness	ISO 9969	Ring stiffness of thermoplastics pipes having a circular cross section	Stiffness Testing Machine
Melt Flow Rate	ISO 1133-1	Thermoplastics material	Melt flow rate tester

Note:

1. 1. Test meets the requirements of ANAB Supplemental Requirements SR 2425, Consumer Products Safety Commission (CPSC) Children's Product Safety Testing Accreditation Program. Scope listing is consistent with CPSC rule 16CFR1112.15 - [eCFR :: 16 CFR Part 1112 -- Requirements Pertaining to Third Party Conformity Assessment Bodies](#)



Jason Stine, Vice President

