



TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Accredited Laboratory No. 246

Legal Name of Accredited Laboratory: NSF International

Contact Name: Jason Shields

Address: 789 N. Dixboro Road P.O. Box 130140
Ann Arbor, MI
48105

Telephone: 734 827 5631

Fax: 734 827 7182

Website: jshields@nsf.org

Email: www.nsf.org

SCC File Number:	15309
Accreditation Standard(s):	ISO/IEC 17025: 2005 General requirements for the competence of testing and calibration laboratories
Fields of Testing:	Biological Chemical/Physical Electrical/Electronic Ionizing Radiation Mechanical/Physical Thermal & Fire Resistance
Program Specialty Area:	Agriculture Inputs, Food, Animal Health and Plant Protection (AFAP) Test Method Development and Evaluation and Non-routine Testing (TMDNRT)
Initial Accreditation:	1996-12-08
Most Recent Accreditation:	2018-11-07
Accreditation Valid to:	2021-06-01

The following is a Scope of Accreditation for which this testing laboratory has been accredited to ISO/IEC 17025:2005. Note that the parent organization is also accredited as a certification body. The parent organization's Scope of Accreditation for certification activities may be broader than the listing of



standards and test methods that appear below. Refer to the parent organization's Scope of Accreditation granted by the SCC for certification activities found at:

<http://www.scc.ca/en/accreditation/product-process-and-service-certification/directory-of-accredited-clients>

Where standards, such as product standards, are listed below, the laboratory is considered accredited only for the testing elements in those standards.

TEST METHOD DEVELOPMENT & EVALUATION AND NON-ROUTINE TESTING

Note: Laboratories accredited under this Program Specialty Area have demonstrated that they meet ISO/IEC 17025 requirements for routine testing under the same product classification as described below.

Athletic Banned Substances in Ingredients and Finished Products for Dietary Supplements, Functional Foods and Drinks

Includes compounds in the categories of diuretics, steroids, stimulants, beta-agonists, masking agents, hormone antagonists, drugs of abuse and similar banned substance categories.

Description of Activities:

The NSF International Chemistry Laboratory analyzes ingredients and finished products for dietary supplements, functional foods, including nutritional drinks and bars for athletic banned substances in parts per billion levels (ppb) in support of client requests by using validated methods or modifying/adapting and verifying existing methods. Methods are qualitative/semi-quantitative and are validated for presence-absence decisions in a variety of sample matrices. The laboratory develops and verifies mass spectral techniques for the confirmation of the identity of athletic banned substances.

Techniques for which the laboratory is accredited:

a) Sample preparation, extraction, separation and general chemical practices for clean-up of samples prior to instrumental analysis.

b) Gas chromatography - Tandem Quadruple Mass Spectrometry (GC-MS-MS)

Includes the following methods and those for other analytes using similar procedures:

AESOP #7667 - Analysis of Anabolic Steroids In Dietary Supplements and Functional Foods by GC-MS-MS

AESOP #18148 - Screening g-Hydroxybutyric Acid (GHB) in Dietary Supplements, Functional Foods and Energy Drinks by GC-MS/MS

c) Liquid chromatography - Tandem Mass Spectroscopy (LC-MS-MS)

Includes the following methods and those for analytes using similar procedures:

AESOP #8688 - Analysis of Stimulants in Dietary Supplements and Functional Foods by LC-MS-MS

AESOP #9871 - Analysis of Steroids in Dietary Supplements and Functional Foods by LC-MS-MS

AESOP #9869 - Analysis of Diuretics in Dietary Supplements and Functional Foods by LC-MS-MS

AESOP #15708 - Analysis of SARMs and PPAR α agonists in Dietary Supplements and



Functional Foods by LCMSMS
 AESOP #17158 - Analysis of Banned Substances in Dietary Supplements and
 Functional Foods by HILIC LCMS

d) Liquid chromatography - High Resolution Mass Spectroscopy (LCHRMS)

Includes the following methods and those for other analytes using similar procedures:

AESOP #17025 - Analysis of GHRPs in Dietary Supplements and Functional Foods by
 LCHRMS

CONSTRUCTION

Construction Materials (excluding textile products):

**(Other (Specify):
 (Handling Equipment, Gaseous Fuels)**

ASME B16.40	Manually Operated Thermoplastic Gas Shutoffs and Valves in Gas Distribution Systems
ASTM D2513	Standard Specification for Thermoplastic Gas Pressure Pipe, Tubing, and Fittings Except for: Section A1.3.7 - ISO13477/ISO13478 Section A1.5.12 - ISO13477/ISO13478
ASTM F2619	Standard Specification for High-Density Polyethylene (PE) Line Pipe
ASTM F2905	Standard Specification for Black Crosslinked Polyethylene (PEX) Line Pipe, Fittings and Joints for Oil and Gas Producing Applications
CSA B137.12	Polyamide Piping Systems for Gas Services
CSA B137.18	Polyethylene of Raised Temperature Resistance (PE-RT) Tubing Systems for Pressure Applications
ISO 4437	Buried Polyethylene Pipe for the Supply of Gaseous Fuels – Metric Series Except for: ISO6964, ISO18553, ASTM 3849, ISO 13477, ISO 13480

Floor Coverings

ANSI/NSF 52	Supplemental Flooring Except for: Resistance to Microorganisms <i>Aspergillus niger</i>
-------------	--



Plumbing Products

ANSI/APSP-16	Standard Suction Fittings for Use in Swimming Pools, Wading Pools, Spas, and Hot Tubs
AS 3497	Drinking water treatment units - Plumbing requirements.
AS 3499	Water supply - Flexible hose assemblies.
AS 3707	Method for Testing Pressure Cycling Resistance of Pipes and Fittings
AS 3718	Water supply-Tap ware
AS 4020	Testing of products for use in contact with drinking water.
AS 4348	Water supply - Domestic type water treatment appliances - Performance requirements.
AS 5200.037.2	Plumbing and Drainage Products-Flow Controllers for Use With Heated or Cold Water Systems
AS/NZS 1260	PVC-U Pipes and Fittings for Drain, Waste and Vent Application
ASME 112.14.3	Grease Interceptors
ASME 112.14.4	Grease Removal Devices
ASME A112.1.2	Air Gaps in Plumbing Fixtures
ASME A112.1.3	Air Gap Fittings for Use with Plumbing Fixtures, Appliances and Appurtenances
ASME A112.4.14/CSA B125.14	Manually Operated Valves for Use in Plumbing Systems
ASME A112.18.1/CSA B125.1	Plumbing Supply Fittings Except for: High-Efficiency Shower Heads
ASME A112.18.2/CSA B125.2	Plumbing Waste Fittings
ASME A112.18.3	Performance Requirements for Backflow Devices And Systems In Plumbing Fixture Fittings
ASME A112.18.6/CSA B125.6	Flexible Water Connectors
ASME A112.19.17	Manufactured Safety Vacuum Release Systems (SVRS) for Residential and Commercial Swimming Pool, Spa, Hot Tub, and Wading Pool Suction Systems
ASME A112.19.2/CSA B45.1	Ceramic Plumbing Fixtures incorporates ASME A112.19.6 and ASME A112.19.9
ASME A112.19.3/CSA B45.4	Stainless Steel Plumbing Fixtures
ASME A112.3.4/CSA B45.9	Plumbing Fixtures with Pumped Waste and Macerating Toilet Systems



ASME A112.36.2	Cleanouts
ASME A112.4.14	Manually Operated Quarter-Turn Shutoff Valves for Use in Plumbing Systems
ASME A112.4.4	Plastic Push-Fit Drain, Waste, and Vent (DMV) Fittings
ASME A112.6.3	Floor and Trench Drains
ASME B16.22	Wrought Copper and Copper Alloy Solder Joint Pressure Fittings
ASME B16.51	Copper and Copper Alloy Press-Connect Pressure Fittings
ASME A112.1016/ASSE 1016/CSA B125.16	Performance Requirements Automatic Compensating Valves for Individual Showers and Tub/Shower Combinations
ASSE 1001	Pipe Applied Atmospheric Type Vacuum Breakers
ASSE 1003	Water Pressure Reducing Valves for Domestic Water Supply Systems
ASSE 1004	Backflow Prevention Requirements for Commercial Dishwashing Machines
ASSE 1010	Water Hammer Arresters
ASSE 1013	Performance Requirements for Reduced Pressure Principle Backflow Preventers and Reduced Pressure Fire Protection Principle Backflow Preventers
ASSE 1015	Performance Requirements for Double Check Backflow Prevention Assemblies and Double Check Fire Protection Backflow Prevention Assemblies
ASSE 1017	Temperature Actuated Mixing Valves for Hot Water Distribution Systems
ASSE 1019	Performance Requirements for Vacuum Breaker Wall Hydrants, Freeze Resistant, Automatic Draining Type
ASSE 1021	DrainAir Gaps for Domestic Dishwasher Applications
ASSE 1022	Backflow Preventer for Beverage Dispensing Equipment
ASSE 1024	Dual Check Valve Backflow Preventers
ASSE 1032	Dual Check Valve Type Backflow Preventers For Carbonated Beverage Dispensers - Post Mix Type
ASSE 1050	Stack Air Admittance Valves for Sanitary Drainage Systems
ASSE 1051	Individual and Branch Type Air Admittance Valves for Sanitary Drainage Systems
ASSE 1061	Push Fit Fittings



ASSE 1070/ASME A112.1070/CSA B125.70	Performance Requirements for Water Temperature Limiting Devices
ASTM A1045	Flexible Poly (Vinyl Chloride) (PVC) Gaskets used in Connection of Water Closets to Sanitary Drainage System
ASTM C1277	Standard Specification for Shielded Couplings Joining Hubless Cast Iron Soil Pipe and Fittings Excluding: ASTM C564 – Ozone test to ASTM D1149
ASTM D1248	Specification for Polyethylene Plastics Molding and Extrusion Materials
ASTM D1599	Test Method for Short-Term Hydraulic Failure Pressure of Plastic Pipe, Tubing and Fittings
ASTM D1784	Specification for Rigid Poly Vinyl Chloride (PVC) Compounds and Chlorinated Poly Vinyl Chloride (CPVC) Compounds
ASTM D1785	Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, and 120
ASTM D2122	Method for Determining Dimensions of Thermoplastic Pipe and Fittings
ASTM D2235	Specification for Solvent Cement for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe and Fittings
ASTM D2239	Specification for Polyethylene (PE) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter
ASTM D2240	Test Method for Rubber Property-Durometer Hardness
ASTM D2241	Specification for Poly (Vinyl Chloride) (PVC) Pressure Rated Pipe (SDR Series)
ASTM D2444	Test Method for Impact Resistance Thermoplastic Pipe and Fittings by Means of Tup
ASTM D2464	Specification for Threaded Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80
ASTM D2466	Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40
ASTM D2467	Specification for Socket-Type Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80
ASTM D2564	Specification for Solvent Cements for Poly (Vinyl Chloride) (PVC) Plastic Piping Systems
ASTM D2609	Specification for Plastic Insert Fittings for Polyethylene (PE) Plastic Pipe
ASTM D2661	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe and Fittings
ASTM D2665	Specification for Poly (Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings
ASTM D2672	Specification for PVC Pipe Using Solvent Cement
ASTM D2729	Specification for Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings



ASTM D2737	Specification for Polyethylene (PE) Plastic Tubing
ASTM D2846	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Hot - and Cold - Water Distribution Systems
ASTM D2949	Specification for 3.25 in Outside Diameter Poly (Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings
ASTM D2996	Specification for Filament -Wound Reinforced Thermosetting Resin Pipe
ASTM D3034	Specification for Type PSM Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings
ASTM D3035	Specification for Polyethylene (PE) Plastic Pipe (SDR-PR) Based on Controlled Outside Diameter
ASTM D3139	Specification for Joints for Plastic Pressure Pipes Using Flexible Elastomeric Seals
ASTM D3212	Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals
ASTM D3222	Standard Specification for Unmodified Poly(Vinylidene Fluoride) (PVDF) Molding Extrusion and Coating Materials
ASTM D3311	Standard Specification for Drain, Waste, and Vent (DWV) Plastic Fittings Patterns
ASTM D3350	Specification for Polyethylene Plastics Pipe and Fittings Material
ASTM D3965	Specification for Rigid Acrylonitrile-Butadiene-Styrene (ABS) Compounds for Pipe and Fittings
ASTM D4066	Specification for Nylon Injection and Extrusion Materials
ASTM D4067	Standard Classification System for Reinforced and Filled Poly(Phenylene Sulfide) (PPS) Injection Molding and Extrusion Materials Using ASTM Methods
ASTM D4101	Specification for Propylene Plastic Injection and Extrusion Materials
ASTM D4396	Specification for Rigid Poly (Vinyl Chloride) (PVC) and Related Plastic Compounds for Nonpressure Piping Products
ASTM D543	Plumbing Fittings Test Method for Resistance of Plastics to Chemical Reagents
ASTM D570	Test Method for Water Absorption of Plastics
ASTM D6394	Standard Specification for Sulfone Plastics
ASTM D6778	Standard Classification for Polyoxymethylene (POM, Acetal) Molding and Extrusion Materials
ASTM F1216	Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube
ASTM F1281	Standard Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Pressure Pipe



ASTM F1282	Standard Specification for Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure Pipe
ASTM F1336	Standard Specification for Poly(Vinyl Chloride) (PVC) Gasketed Sewer Fittings
ASTM F1412	Standard Specification for Polyolefin Pipe and Fittings for Corrosive Waste Drainage Systems
ASTM F1476	Standard Specification for Performance of Gasketed Mechanical Couplings for Use in Piping Applications
ASTM F1488	Standard Specification for Coextruded Composite Pipe
ASTM F1548	Standard Specification for Performance of Fittings for Use with Gasketed Mechanical Couplings Used in Piping Applications
ASTM F1673	Standard Specification for Polyvinylidene Fluoride (PVDF) Corrosive Waste Drainage Systems
ASTM F1807	Standard Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing
ASTM F1866	Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Schedule 40 Drainage and DWV Fabricated Fittings
ASTM F1960	Standard Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-linked Polyethylene (PEX) Tubing
ASTM F1970	Special Engineered Fittings, Appurtenances or Valves for use in Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Systems
ASTM F1974	Standard Specification for Metal Insert Fittings for Polyethylene/Aluminum/Polyethylene and Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Composite Pressure Pipe
ASTM F2080	Standard Specification for Cold-Expansion Fittings With Metal Compression-Sleeves for Cross-Linked Polyethylene (PEX) Pipe
ASTM F2098	Standard Specification for Stainless Steel Clamps for Securing SDR9 Cross-linked Polyethylene (PEX) Tubing to Metal Insert and Plastic Insert Fittings
ASTM F2158	Standard Specification for Residential Central-Vacuum Tube and Fittings
ASTM F2159	Standard Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing
ASTM F2389	Standard Specification for Pressure-rated Polypropylene (PP) Piping Systems
ASTM F2434	Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene (PEX-AL-PEX) Tubing



ASTM F2618	Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Fittings for Chemical Waste Drainage Systems
ASTM F2623	Polyethylene of Raised Temperature (PE-RT) SDR 9 Tubing
ASTM F2648	Standard Specification for 2 to 60 inch [50 to 1500 mm] Annular Corrugated Profile Wall Polyethylene (PE) Pipe and Fittings for Land Drainage Applications Except for: Section 7.8
ASTM F2764	Standard Specification for 30 to 60 in. [750 to 1500 mm] Polypropylene (PP) Triple Wall Pipe and Fittings for Non-Pressure Sanitary Sewer Applications Except for: Section 6.3, 6.4, 6.5, 6.6, 6.7 and 6.8
ASTM F2806	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (Metric SDR-PR)
ASTM F2881	Standard Specification for 12 to 60 in. [300 to 1500 mm] Polypropylene (PP) Dual Wall Pipe and Fittings for Non-Pressure Storm Sewer Applications Except for: Section 6.8 and 6.9
ASTM F2929	Standard Specification for Crosslinked Polyethylene (PEX) Tubing of 0.070in. Wall and fittings for Radiant Heating Systems up to 75psig
ASTM F3253	Standard Specification for Crosslinked Polyethylene (PEX) Tubing with Oxygen Barrier for Hot- and Cold-Water Hydronic Distribution Systems
ASTM F409	Specification for Thermoplastic Accessible and Replaceable Plastic Tube and Tubular Fittings
ASTM F437	Specification for Threaded Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe and Fittings, Schedule 80
ASTM F438	Specification for Socket-Type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 40
ASTM F439	Specification for Socket-Type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80
ASTM F441	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80
ASTM F442	Standard Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe (SDR-PR)
ASTM F480	Specification for Thermoplastic Water Well Casing Pipe and Made in Standard Dimension Ratios (SDR), SCH 40 and SCH 80
ASTM F493	Specification for Solvent Cements for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe and Fittings
ASTM F628	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe With a Cellular Core



ASTM F656	Specification for Primers for Use in Solvent Cement Joints of Poly (Vinyl Chloride) (PVC) Plastic Pipe and Fittings
ASTM F667	Standard Specification for 3 through 24 in. Corrugated Polyethylene Pipe and Fittings Except for: Section 7.5, 9.6, 9.7 and 9.8
ASTM F714	Specification for Polyethylene (PE) Plastic Pipe (SDR-PR) Based on Outside Diameter
ASTM F876	Standard Specification for Crosslinked Polyethylene (PEX) Tubing
ASTM F877	Standard Specification for Crosslinked Polyethylene (PEX) Plastic Hot-Cold-Water Distribution Systems
ASTM F891	Standard Specification for Coextruded Poly (Vinyl Chloride) (PVC) Plastic Pipe With a Cellular Core
ASTM F949	Specification for Poly (Vinyl Chloride) (PVC) Corrugated Sewer Pipe with a Smooth Interior and Fittings
AWWA C115	Flanged Ductile Iron Pipe with Ductile-Iron or Gray Iron Threaded Flanges
AWWA C510	Double-Check Valve Backflow-Prevention Assembly
AWWA C511	Reduced-Pressure-Principle Backflow-Prevention Assembly
AWWA C606	Standard for Grooved and Shouldered Joints
AWWA C900	Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated Fittings, 4 In. Through 12 In. (100 mm Through 300 mm), for Water Transmission and Distribution
AWWA C901	Polyethylene (PE) Pressure Pipe and Tubing, ½" through 3", for Water Service
AWWA C902	Polybutylene (PB) Pressure Pipe and Tubing, ½" through 3", for Water
AWWA C904	Cross-Linked Polyethylene (PEX) Pressure Pipes, ½ In. (12 mm) Through 3 In. (76 mm) for Water Service
AWWA C905	Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated Fittings, 14 In. Through 48 In. (350 mm Through 1,200 mm), for Water Transmission and Distribution
AWWA C906	Polyethylene (PE) Pressure Pipe and Fittings, 4 In. (100 mm) Through 63 In. (1,600 mm), for Water Distribution and Transmission
CISPI 310	Specification for Coupling for Use in Connection with Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Applications – Except for: ASTM C564 – Ozone test to ASTM D1149
CSA B125.3	Plumbing fittings
CSA B137.1	Polyethylene (PE) pipe, tubing, and fittings for cold-water pressure services



CSA B137.10	Crosslinked polyethylene/aluminum/ crosslinked polyethylene (PEX-AL-PEX) composite pressure-pipe systems
CSA B137.11	Polypropylene (PP-R) pipe and fittings for pressure applications
CSA B137.2	Polyvinylchloride (PVC) injection-moulded gasketed fittings for pressure applications
CSA B137.3	Rigid polyvinylchloride (PVC) pipe and fittings for pressure applications
CSA B137.4	Polyethylene (PE) piping systems for gas services
CSA B137.5	Crosslinked polyethylene (PEX) tubing systems for pressure applications
CSA B137.6	Chlorinated polyvinylchloride (CPVC) pipe, tubing, and fittings for hot- and cold-water distribution systems
CSA B137.8	Polybutylene (PB) piping systems for pressure applications
CSA B137.9	Polyethylene/aluminum/polyethylene (PE-AL-PE) composite pressure-pipe systems
CSA B181.1	Acrylonitrile-butadiene-styrene (ABS) drain, waste, and vent pipe and pipe fittings
CSA B181.2	PVC drain, waste, and vent pipe and pipe fittings
CSA B181.3	Polyolefin laboratory drainage systems
CSA B182.1	Plastic drain and sewer pipe and pipe fittings
CSA B182.13	Profile polypropylene (PP) sewer pipe and fittings for leak-proof sewer applications Except for: Section 4.1.2, 4.1.3, 5.4, 6 and 7
CSA B182.2	PVC sewer pipe and fittings (PSM type)
CSA B183.5	Coextruded ABS/PVC drain, waste, and vent pipe
CSA B45.10	Hydromassage bathtubs
CSA B45.6	Non-recirculating toilets and waste holding tanks for use in recreational vehicles
CSA B45.7	Self-contained, recirculating, chemically-controlled toilets for use in recreational vehicles
CSA B45.9	Macerating systems and related components
CSA B481.0	Non-recirculating toilets and waste holding tanks for use in recreational vehicles
CSA B481.1	Testing and rating of grease interceptors using lard
CSA B481.2	Testing and rating of grease interceptors using oil
CSA B481.3	Sizing, selection, location, and installation of grease interceptors
CSA B481.4	Maintenance of grease interceptors
CSA B602	Mechanical Couplings for Drain, Waste, and Vent Pipe and Sewer Pipe
CSA B64	Backflow preventers and vacuum breakers
CSA B66	Prefabricated septic tanks and sewage holding tanks



CSA B79	Commercial and residential drains and cleanouts
CSA C448	Design and installation of earth energy systems (C448.1, C448.2, C448.3) plastic pipe and fittings only - Only for: Clauses 5.3.2, 5.3.3 and 5.3.4
CSA Z240.3.2	Plumbing requirements for recreational vehicles
DIN 8074	Polyethylene (PE) – Pipes PE 63, PE 80, PE 100, PE-HD – Dimensions
DIN 8075	Polyethylene (PE) pipes – PE 63, PE 80, PE 100, PE-HD – General quality requirements, testing
IAPMO IGC 188	Push Fit Fittings
IAPMO IGC-157	Ball Valves
IAPMO IGC-195	IAPMO Guide Criteria for Shower Drains with Integrated Bonding Flanges Except for: Membrane qualification to ANSI A118.10
IAPMO IGC-210	Chlorinated Poly(Vinyl Chloride) (CPVC) Pipe and Fittings for Limited Chemical Waste Drainage Systems
IAPMO PS-117	Press and Nail Connections
IAPMO PS-36	Lead-Free Sealing Compounds for Threaded Joints
IAPMO PS-65	Airgap Units for Water Conditioning Equipment Installation
IAPMO Z1001	Prefabricated Gravity Grease Interceptor
IAPMO Z1157	Ball Valves
IAPMO/ANSI Z1000	Prefabricated Septic Tanks
ISO 15874	Plastics Piping Systems for Hot and Cold Water Installations-Polypropylene (PP)-Part 1: General
ISO 9080	Plastics Piping and Ducting Systems – Determination of the Long Term Hydrostatic Strength of Thermoplastics Materials in Pipe Form by Extrapolation
NSF/ANSI 14	Plastics Piping System Components and Related Materials
NSF/ANSI 24	Plumbing System Components for Recreational Vehicles
NSF/ANSI 358-1	Polyethylene Pipe and fittings for Water-Based Ground-Source “Geothermal” Heat Pump Systems
NSF/ANSI 358-2	Polypropylene Pipe and fittings for Water-Based Ground-Source “Geothermal” Heat Pump Systems
WRAS1111.1	Closure Sections: <ul style="list-style-type: none"> • B DRAW OFF TAPS AND ABOVE GROUND STOP VALVES, (Derived from BS 1010, Part 2, Clause 1.7) • H DRAW-OFF TAPS WITH METAL AND PLASTIC BODIES, (Derived from BS 5412, Clause 8.2.2)



	<ul style="list-style-type: none"> L OTHER TYPES OF VALVES/ FITTINGS L OTHER TYPES OF VALVES/ FITTINGS
WRAS1111.5	<p>Leaktightness test Sections:</p> <ul style="list-style-type: none"> A AUTOMATIC DIVERTER HC (Derived from BS EN 1111: 1998. Clause 9.6)
WRAS1111.7	Closure-Diverter
WRAS1112.1	<p>Porosity Sections:</p> <ul style="list-style-type: none"> J DRAW-OFF TAPS WITH METAL BODIES & DRAW-OFF TAPS WITH PLASTIC BODIES (Derived from BS 5412/13, Part 2, Clause 9,11) N ALL OTHER TYPES OF VALVES/FITTINGS NOT REFERRED TO IN THE FOREGOING TO BE ASSESSED IN ACCORDANCE WITH THE FOLLOWING PROCEDURE: FITTING(S) DESIGNED TO BE INSTALLED BELOW GROUND OR IN ANY OTHER POSITION TO WHICH ACCESS IS DIFFICULT
WRAS1113.1	<p>Joint effectiveness Sections:</p> <ul style="list-style-type: none"> B DRAW OFF TAPS AND ABOVE GROUND STOPVALVES (Derived from BS 1010, Part 2, Clause 1.7.2) D DRAW-OFF TAPS WITH METAL BODIES& DRAW-OFF TAPS WITH PLASTIC BODIES (Derived from BS 5412) F ALL OTHER TYPES OF VALVES/FITTINGS NOT REFERRED TO IN THE FOREGOING TO BE ASSESSED IN ACCORDANCE WITH THE FOLLOWING PROCEDURE
WRAS1211.2	Endurance
WRAS1211.3	Endurance
WRAS1211.5	Endurance Test
WRAS1211.7	Endurance (Derived from EN 816)
WRAS1315.1	Torque-Operating Mechanism
WRAS1315.4	Torque-Backnuts
WRAS1412.1	Corrosion Protection
WRAS1511.4	Flow Rate (Derived from BS 5779)
WRAS1511.5	Flow Rate (Derived from BS 5388)
WRAS1611.11	Visual Inspection-Means of Renewing Seat and Washer, or Seal and Washer
WRAS1611.5	Means for Connection and Disconnection Sections:



	<ul style="list-style-type: none"> • D DRAW-OFF TAPS AND ABOVE GROUND STOPVALVES (Derived from BS 1010 : Part 2 : Clause 4.12) • F DRAW-OFF TAPS WITH METAL BODIES and DRAW-OFF TAPS WITH PLASTICS BODIES (Derived from BS 5412/3 : Part 1 : Clause 9)
WRAS1611.8	Visual Inspection – Seal to be Readily Renewable
WRAS2111.1	Effect Upon Water Quality
WRAS2114.2	Opacity
WRAS2211.3	Contamination-Mixing of Primary and Secondary
WRAS2212.6	Vacuum Test (Derived from BS 5412: 1996. Clause 13)
WRAS2213.18	Dimensional
WRAS2213.19	Dimensional
WRAS5011.1	Measurement of Linear Dimensions
WRAS6001.1	Marking for Identification Sections: <ul style="list-style-type: none"> • A ALL FITTINGS • B BRASS FITTINGS

MACHINERY

Transportation, Agricultural and Construction Vehicles and Components:

Automobiles, Light Trucks, Vans & Trailers

ASTM A370	Standard Test Methods and Definitions for Mechanical Testing of Steel Products Only for: Section 5
ASTM D3167-10	Standard Test Method for Floating Roller Peel Resistance of Adhesives
ASTM D5420	Standard Test Method for Impact Resistance of Flat, Rigid Plastic Specimen by Means of a Striker Impacted by a Falling Weight (Gardner Impact)
ASTM D7332	Standard Test Method for Measuring the Fastener Pull-Through Resistance of a Fiber-Reinforced Polymer Matrix Composite Only for: Procedure B



ASTM D790	Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials
ASTM E18	Standard Test Methods for Rockwell Hardness of Metallic Materials 1, 2
ASTM E8/E8M	Standard Test Methods for Tension Testing of Metallic Materials
ASTM G155	Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials
AWS D8.1M	Specification For Automotive Weld Quality Resistance Spot Welding Of Steel Only for: Only Section 5.3
AWS D8.7M	Recommended Practices For Automotive Weld Quality – Resistance Spot Welding
AWS D8.8M	Specification For Automotive Weld Quality – Arc Welding Of Steel
ISO 16047	Fasteners – Torque/clamp force testing
JIS B 1195	Weld Bolts Only for: Appendix A2 and B2
JIS B 1196	Weld Nuts Only for: Appendix A2 and B2
NSF P368	Quasi-Static Pole Test Procedure –Vehicle Reinforcing Beam (Rebar) protocol: Appendix C
NSF P378	Thermo Cycle Test –Automotive Exterior Plastic Parts: Section 9:11
NSF P378	Tab Strength Test Procedure –Automotive Exterior Plastic Parts: Schedule E
NSF P379	Pad Shear Test –Automotive Exterior Sheet Metal Body parts: Section 12.24 through 12.30.1

ELASTOMERS AND PROTECTIVE AND OTHER COATINGS

Paints; Varnishes; Inks; Coatings; and Allied Products

(Automotive Coatings)



ASTM B487	Standard Test Method for Measurement of Metal and Oxide Coating Thickness by Microscopical Examination of Cross Section
ASTM B571	Standard Practice for Qualitative Adhesion Testing of Metallic Coatings
ASTM D3359	Standard Test Methods for Measuring Adhesion by Tape Test
ASTM D6132	Standard Test Method for Nondestructive Measurement of Dry Film Thickness of Applied Organic Coatings Using an Ultrasonic Coating Thickness Gage
ASTM D7091	Standard Practice for Nondestructive Measurement of Dry Film Thickness of Nonmagnetic Coatings Applied to Ferrous Metals and Nonmagnetic, Nonconductive Coatings Applied to Non-Ferrous Metals
ASTM E376	Standard Practice for Measuring Coating Thickness by Magnetic-Field or Eddy-Current (Electromagnetic) Testing Methods

Plastics; Resins and Rubbers:

(Plastics)

ASTM 1252/NSF 8182	Standard Practice for general Techniques for Obtaining Infrared Spectra for Qualitative Analysis/FT-IR Test for Lubricants
ASTM D256	Standard Test Method for determining the Izod Pendulum Impact Resistance of Plastics (only for Method A)
ASTM D638	Test Method for Tensile Properties of Plastics

ELECTRICAL PRODUCTS AND ELECTRONIC PRODUCTS

(Conduit and Sprinkler Systems)

CSA-C22.2 No. 211.0	General requirements and methods of testing for non-metallic conduit
CSA-C22.2 No. 211.1	Rigid types EB1 and DB2/ES2 PVC conduit
CSA-C22.2 No. 211.2	Rigid PVC (unplasticized) conduit



CSA-C22.2 No. 211.3/UL 1684	Reinforced thermosetting resin conduit (RTRC) and fittings Except for: 5.16 Weather resistance
CSA C22.2 No. 327	HDPE conduit, conductor-in-conduit, and fittings
UL 1821	Thermoplastic Sprinkler Pipe and Fittings for Fire Protection Except for: Section 13 Large Fire Test
UL 651	Standard for Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings Except for:
UL 651A	Schedule 40 and 80 High Density Polyethylene (HDPE) Conduit
ULC/ORD C1285	Piping and Couplings, Polyvinyl Chloride (PVC) for Underground Fire Service
ULC/ORD-C199P	Combustible Piping for Sprinkler Systems Except for: Light and water test, Vibration test Section 13 Large Fire Test

(Electrical Appliances)

CSA C22.2 NO. 109	Commercial cooking appliances
CSA C22.2 NO. 195	Motor operated food processing appliances (household and commercial)

(Energy Efficiency Verification (EEV))

AHRI 1200	Performance Rating of Commercial Refrigerated Display Merchandisers and Storage Cabinets
ASHRAE 117 (Superseded by ASHRAE 72)	Method of Testing Closed Refrigerators
ASHRAE 32.1 sections 1 to 7.2	Methods of Testing for Rating Vending Machines for Bottled, Canned, and Other Sealed Beverages (Ice Machines)
ASHRAE 72	Method of Testing Commercial Refrigerators and Freezers
CSA-C191	Performance of electric storage tank water heaters for domestic hot water service
CSA-C300	Energy performance and capacity of household refrigerators, refrigerator-freezers, freezers, and wine chillers



CSA-C358	energy consumption test methods for household electric ranges
CSA-C373	Energy consumption test methods and limits for household dishwashers
CSA-C742	Performance of automatic ice-makers and ice storage bins
CSA-C827	Energy performance standard for food service refrigerators and freezers

(Energy Star)

10 CFR 430 Subpart B, Appendix B1	Uniform Test Method for Measuring the Energy Consumption of Freezers
10 CFR 430.23 Subpart B, Appendix A1	Uniform Test Method for Measuring the Energy Consumption of Electric Refrigerators and Electric Refrigerator-Freezers
10 CFR 430.23 Subpart B, Appendix C	Uniform Test Method for Measuring the Energy Consumption of Dishwashers
10 CFR 431 Subpart Y	Energy Efficiency Program for Certain Commercial and Industrial Equipment Pumps
AHAM HRF-1	Energy, Performance and Capacity of Household Refrigerators, Refrigerator-Freezers and Freezers
ARI 810	Performance Rating of Automatic Commercial Ice-Makers
ASTM F1275	Standard Test Method for Performance of Griddles
ASTM F1361	Standard Test Method for Performance of Open Deep Fat Fryers
ASTM F1484	Standard Test Methods for Performance of Steam Cookers
ASTM F1496	Standard Test Method for Performance of Convection Ovens
ASTM F1521	Standard Test Methods for Performance of Range Tops
ASTM F1605	Standard Test Method for Performance of Double-Sided Griddles
ASTM F1696	Standard Test Method for Energy Performance of Single-Rack, Door-Type Commercial Dishwashing Machines



ASTM F1920	Standard Test Method for Performance of Rack Conveyor, Commercial Dishwashing Machines
ASTM F2022	Standard Test Method for Performance of Booster Heaters
ASTM F2140	Standard Test Method for Performance of Hot Food Holding Cabinets
ASTM F2143	Standard Test Method for Performance of Refrigerated Buffet and Preparation Tables
ASTM F2861	Standard Test Method for Enhanced Performance of Combination Oven in Various Modes
Energy Star	Program Requirements and Criteria for Residential Dishwashers
Energy Star	Program Requirements and Criteria for Commercial Dishwashers
Energy Star	Program Requirements for Bottled Water Coolers
Energy Star	Program Requirements Residential Pool Pumps
Energy Star	Program Requirements for Commercial Ovens

ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY

Occupational Health and Safety:

NSF 49	Class II (Laminar Flow) Biosafety Cabinetry
--------	---

Water (Radiochemistry)

EPA 00-02	Gross Alpha in Drinking Water by Coprecipitation
EPA 900.0	Radioactivity, Gross Alpha and Gross Beta
SM 7500Ra-B/ NSF 11808	Radium-226 by SM7500Ra-B
SM 7500Ra-D/ NSF 11809	Radium-228 by SM7500Ra-D
SM 7500RN-B	Radon, Liquid Scintillation Method

Other



(Public Health and Safety)

AESOP 11136	Determination of Lead and other Metals through use of HDXRF
AESOP 13535	XRF Spectrophotometer for Analyzing Elemental Content in Products for RoHS Testing
AESOP 2956	Analysis of Bisphenol A and Bisphenol A Adducts by Reverse Phase HPLC (in water and food simulants)
AESOP 9063	XRF Spectrophotometer for Analyzing Lead Content
EPA 110.2 / SM2120-B AESOP 2852	Apparent Color
EPA 120.1 / SM 2510B / AESOP 2855	Specific Conductance
EPA 140.1 / AESOP 2838	Threshold Odor Number
EPA 1613 B / AESOP 3121	Dioxins and Furans by Isotope Dilution HRGCMS/HRMS, SOPS 3121,3075
EPA 180.1 / AESOP 3564	Determination of Turbidity by Nephelometry
EPA 200.7 / AESOP 3083	Determination of Trace Elements in Water and Wastes by Inductively Coupled Plasma (For the following analytes: Iron, Calcium, Magnesium, Potassium, Sodium and Calcium Hardness)
EPA 200.8 / AESOP 2950	Determination of Trace Elements in Water and Wastes by Inductively Coupled Plasma - Mass Spectrometry
EPA 218.7	Determination of Hexavalent Chromium in Drinking Water by Ion Chromatography with Post-Column Derivatization and UV-Vis Spectroscopic Detection
EPA 300.0 / AESOP 2946	Determination of Inorganic Anions in Water using Ion Chromatography by EPA 300.0
EPA 300.1 / AESOP 2963	Determination of Inorganic Disinfection By-Products by Ion Chromatography by EPA Method 300.1
EPA 314 / AESOP 3056	Determination of Perchlorate in Water by Ion Chromatography
EPA 335.4 / AESOP 3102	Determination of Total Cyanide by Semi-Automated Colorimetry



EPA 504.1	1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane in water by Microextraction and gas chromatography using Electron Capture Detection SOP #3559
AESOP 10250 (based on EPA 505)	Determination of Organohalide Pesticides and Polychlorinated Biphenyls (PCBs) in Drinking Water based on EPA Method 505 using Micro-extraction and GC/ECD
EPA 508.1 / AESOP 8352	Chlorinated Pesticides in Water by GC/ECD
EPA 515.3	Determination of Chlorinated Acids in Water by Gas Chromatography with an Electron Capture Detector SOP # 3008 extraction SOP#3009
EPA 524.2 / AESOP 3004	Volatile Organic Compounds in Water by GC/MS
EPA 525.2	Determination of Organic Compounds in Drinking Water by Liquid-Solid Extraction and Capillary column Gas Chromatography/Mass Spectrometry SOP #2914 extraction SOP #2943
EPA 531.2	Measurement of N-Methylcarbamoyloximes and N-Methylcarbamates I Water by Direct Aqueous Injection HPLC with Post Column Derivatization SOP # 3150
EPA 547.0	Determination of Glyphosate in Drinking Water by Direct-Aqueous-Injection b HPLC, Post-Column Derivatization, and Fluorescence Detection SOP# 2920
EPA 548.1 / AESOP 2924	Determination of Endothall in Drinking Water by Aqueous Derivatization, Liquid-Solid Extraction, and Gas Chromatography with Electron Capture Detection. SOP #2924, extraction SOP#2921
EPA 549.2 / AESOP 2923	Determination of Diquat in Drinking Water by Liquid-Solid Extraction and HPLC with Ultraviolet Detection SOP #2923, extraction SOP#2922
EPA 552.2 /AESOP 3148	Determination of Haloacetic Acids in Drinking Water by Liquid-Liquid Extraction, Derivatization, and Gas Chromatography with



	Electron Capture Detection SOP #3148 extraction SOP#2995
EPA 555 / AESOP 3129	Determination of Chlorinated Acids in Water By HPLC with a Photodiode Array Ultraviolet Detector SOP#3129
EPA 625.0 / AESOP 3130	Base/Neutrals and Acids SOP#3130 extraction SOP# 2895
SM 2320B	Bicarbonate
SM 2320B / AESOP 2929	Automated Titrimetric Determination of Alkalinity
SM 2330B	Corrosivity
SM 2540C / AESOP 3000	Total Dissolved Solids dried at 180°C
SM 4500CL02-D / SM 4500CL-G / AESOP 3153	Determination of Chlorine Dioxide and Chloramines
SM 4500CL-G / AESOP 3153	Determination of Total Residual Chlorine
SM 4500FC / AESOP 2903	Fluoride Determination by Ion Selective Electrode
SM 4500H+B / AESOP 2944	Electrometric Determination of pH
SM 5310C / AESOP 3556	Total Organic Carbon by Persulfate - Ultraviolet Oxidation Method
SM 5540-C / AESOP 2865	Surfactants, Methylene Blue Active Substances

Water Quality:

(Drinking Waters)

ABNT 16098	Device for improving the quality of drinking water - Requirements and test methods
AESOP 13481	Analysis of Pharmaceutical Compounds in Water by LC/MS/MS in Electrospray Negative Ionization mode using On-Line Solid Phase Extraction (Phenytoin, Bisphenol A, Naproxen, Estradiol, Estrone, Ibuprofen, Nonylphenol)
AESOP 13627	Analysis of Positive Pharmaceutical Compounds in Water by LC/MS/MS (Atenolol, Trimethoprim, TCEP, Meprobamate, Carbamazepine, DEET, Linuron, TCPP, Metolachlor)



ANSI/NSF 372	Drinking Water System Components Lead Content
ANSI/NSF 401	Drinking Water Treatment Units – Emerging Compounds/Incidental Contaminants
ANSI/NSF 419	Public Drinking Water Equipment Performance - Filtration
ANSI/NSF 42	Drinking Water Treatment Units - Aesthetic Effects
ANSI/NSF 44	Residential cation exchange water softeners
ANSI/NSF 53	Drinking Water Treatment Units - Health Effects
ANSI/NSF 55	Ultraviolet Microbiological Water Treatment Systems
ANSI/NSF 58	Reverse Osmosis Drinking Water Treatment Systems
ANSI/NSF 60	Drinking Water Treatment Chemicals - Health Effects
ANSI/NSF 61	Drinking Water System Components - Health Effects
ANSI/NSF 61, Section 9	Drinking Water System Components - Health Effects
ANSI/NSF 62	Drinking Water Distillation Systems
ATS 5200.103	Technical Specification for Plumbing and Drainage Products - Water treatment Systems
CSA B483.1	Drinking water treatment systems
NSF P231	Microbiological Water Purifiers
NSF P248	Military Operations Microbiological Water Purifiers
US FDA, Title 21, 165.110	Requirements for Specific Standardized Beverages (Bottled Water)

Recycled Waters

ANSI/NSF 46	Evaluation of Components and Devices Used in the Wastewater Treatment Systems
NSF/ANSI 40	Residential Wastewater Treatment Systems
NSF/ANSI 41	Non-liquid Saturated Treatment Systems



MARKETPLACE PRODUCTS-CONSUMER AND BUSINESS

Other

(Dietary Supplements)

AESOP 3100	Analysis of Beta-Carotene in Dietary Supplements by HPLC
AESOP 3112	Analysis Riboflavin (Vitamin B2) in Dietary Supplements by HPLC
AESOP 3114	Analysis of Folic Acid in Dietary Supplements by HPLC
AESOP 3115	Analysis of Niacinamide in Dietary Supplements by HPLC
AESOP 3118	Analysis of Pantothenic Acid in Dietary Supplements by HPLC
AESOP 3139	Determination of Heavy Metals in Dietary and Herbal Supplements by ICPMS
AESOP 3140	Microwave Digestion of Dietary/Herbal Supplements and Polymer Drinking Water Additives
AESOP 6478	Determination of Metals and Minerals in dietary Supplements by ICP and ICPMS

(Food Equipment - Other)

ANSI/NSF 12	Automatic Ice Making Equipment
ANSI/NSF 13	Refuse Compactors and Compactor Systems
ANSI/NSF 18	Manual Food and Beverage Dispensing Equipment
ANSI/NSF 2	Food Equipment
ANSI/NSF 20	Commercial Bulk Milk Dispensing Equipment
ANSI/NSF 25	Vending Machines for Food and Beverages
ANSI/NSF 29	Detergent and Chemical Feeders for Commercial Spray-Type Dishwashing Machines
ANSI/NSF 35	Laminated Plastics for Surfacing Food Service Equipment (based on NEMA Publication LD3)
ANSI/NSF 36	Dinnerware



ANSI/NSF 37	Air Curtains for Entranceways in Food and Food Service Establishments
ANSI/NSF 4	Commercial Cooking, Rethermalization and Powered Hot Food Holding and Transport Equipment
ANSI/NSF 59	Food Carts
ANSI/NSF 6	Dispensing Freezers (For Dairy Dessert Type Products)
ANSI/NSF 7	Food Service Refrigerators and Storage Freezers
ANSI/NSF 8	Commercial Powered Food Preparation Equipment
NSF 184	Residential Dishwashers
NSF 3	Commercial Spray Type Dishwashing Machines
NSF 3-A/ANSI 14159	Hygiene Requirements for the Design of Mechanical Belt Conveyors used in Meat and Poultry Processing
NSF 5	Water Heaters, Hot Water Supply Boilers and Heat Recovery Equipment (based on ANSI Z21.10.1, 10.3, 21.13)
NSF/ANSI 169	Special Purpose Food Equipment and Devices
ANSI/NSF 51	Food Equipment Materials

(Water Systems – Recreation)

ANSI/NSF 50	Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities
ASTM F2208	Standard Safety Specification for Residential Pool Alarms

(Microbiological Testing)

AESOP 10169	Cytotoxic Activity (AS/NZS 4020 - Appendix F)
AESOP 10258	Bacteriological Efficiency (ABNT 15176)
AESOP 10259	Bacteriological Efficiency (ABNT 14908)
AESOP 10260	Microbiological Level Control (ABNT 14908)
AESOP 10261	Microbiological Level Control (ABNT 15176)



AESOP 11703	<i>Salmonella</i> by PCR (AOAC 2003.09)
AESOP 11799	Rotavirus in Water
AESOP 17598	<i>Campylobacter jejuni/coli/lari</i> (USDA MLG 41.04 excluding Direct Plating Analysis)
AESOP 17600	<i>Campylobacter spp.</i> (ISO 10272-1 excluding detection by direct plating)
AESOP 3601	Biosafety Cabinetry (NSF/ANSI 49)
AESOP 3606	Bacteriostatic Test (NSF/ANSI 42)
AESOP 3629	Heterotrophic Plate Count (SM 9215B, 20 th edition)
AESOP 3635	Heat Treatment Dispensing Freezer (NSF/ANSI 6)
AESOP 3636	In Place Cleaning Test (NSF/ANSI2/4/12/18)
AESOP 3638	Ultraviolet Water Treatment Systems (NSF/ANSI 55)
AESOP 3645	Disinfection Efficacy of Recreational Water Equipment (NSF/ANSI 50)
AESOP 3648	Chlorine (Available) in Disinfectants Germicidal Equivalent Concentration (AOAC Official Method 955.16)
AESOP 3659	Mutagenic Activity (AS/NZS 4020 - Appendix G)
AESOP 3661	<i>Salmonella</i> spp. in Enzymatic Drain Cleaners
AESOP 3662	<i>Pseudomonas aeruginosa</i> (SM 9213E)
AESOP 3664	Yeast and Mold (SM9610C)
AESOP 3668	Microbial Contaminants (USP 2021/2022/61)
AESOP 3676	Total Coliform and <i>E. coli</i> by Petrifilm (AOAC 991.14)
AESOP 3679	Total Aerobic Plate Count by Petrifilm (AOAC 990.12)
AESOP 3692	Microbiological Growth Potential (NSF/ANSI 60)
AESOP 3694	<i>Staphylococcus aureus</i> by Petrifilm (AOAC 2001.05)
AESOP 3701	<i>E. coli</i> O157:H7 by PCR (AOAC 050501)
AESOP 3703	MS2, FR and PHI X174 Coliphages
AESOP 3706	Microspheres (NSF/ANSI 53)
AESOP 3707	<i>Cryptosporidium</i> Oocysts (NSF 53)
AESOP 3713	Pour Plate Method
AESOP 3714	Spread Plate Method



AESOP 3716	Membrane Filter Method
AESOP 3720	Top Agar Overlay Method
AESOP 5937	Most Probable Number (MPN) Test Method
AESOP 6328	Total Coliforms and E. coli by Colilert (SM 9223, 20 th edition)
AESOP 6367	Gluten by ELISA
AESOP 6798	Resistance to Microorganisms (NSF/ANSI 52) Except for: <i>Aspergillus niger</i>
AESOP 7609	Poliovirus in Water
AESOP 8002	Listeria species by Lateral Flow (AOAC 020401)
AESOP 8566	Cryptosporidium Infectivity
AESOP 9934	<i>Raoultella terrigena</i> by Membrane Filtration

Number of Scope Listings: 437

Notes:

- ABNT:** Brazilian National Standards Organization
- AHAM:** Association of Home Appliance Manufacturers
- AHRI:** Air-conditioning, Heating, and Refrigeration Institute
- ANSI:** American National Standards Institute
- AOAC:** Association of Official Analytical Chemists Methods
- APSP:** Association of Pool and Spa Professionals
- ARI:** Air-conditioning and Refrigeration Institute
- AS:** Standards Australia
- ATS:** Australian Technical Standard
- ASME:** American Society of Mechanical Engineers
- ASTM:** American Society for Testing Materials
- AWS:** American Welding Society
- AWWA:** American Water Works Association
- ISO/IEC 17025:** General Requirements for the Competence of Testing and Calibration Laboratories
- CISPI:** Cast Iron Soil Pipe Institute
- CFR:** Code of Federal Regulations
- CSA:** Canadian Standards Association
- RG-LAB:** SCC Requirements and Guidance for the Accreditation of Testing Laboratories
- RG-TMDNRT:** SCC Requirements and Guidance for Accreditation of Laboratories Engaged in Test Method Development and Non-Routine Testing
- DIN:** German Institute for Standardization (Deutsches Institut für Normung)
- EPA:** Environmental Protection Agency
- IAPMO:** International Association of Plumbing and Mechanical Officials
- JIS:** Japanese Industrial Standards
- NEMA:** National Electrical Manufacturers Institute



NSF P: NSF In-House Protocol

NZS: Standards New Zealand

SM: Standard Methods of American Water Works Association (AWWA)

UL: Underwriter's Laboratories

ULC: Underwriter's Laboratories of Canada

US FDA: United States Food and Drug Administration

USEPA: U.S. Environmental Protection Agency

WRAS: Water regulatory Advisory Scheme Test Code Sheets

AESOP: Administration of Electronic Standard Operating Procedures (In-House NSF Methods)

This document forms part of the Certificate of Accreditation issued by the Standards Council of Canada (SCC). The original version is available in the Directory of Accredited Laboratories on the SCC website at www.scc.ca.

Elias Rafoul
Vice-President, Accreditation Services
Publication on: 2020-12-24