



**Department of Building and Safety  
Certificate of Approval**

THIS CERTIFIES THAT Truesdail Laboratories, Inc. LOCATED  
AT 3337 Michelson Ave, Suite CN750, Irvine, CA 92612  
IS APPROVED BY THE DEPARTMENT OF BUILDING AND SAFETY UNDER  
THE PROVISIONS OF SECTION 98.0503 OF THE LOS ANGELES  
MUNICIPAL CODE AS A Listing agency for the plumbing standards on the attached list.

DATE:

**Effective Date: January 1, 2019**

**ANNUAL RENEWAL Expiration Date: January 1, 2020**

A handwritten signature in black ink, appearing to read "Irene Pool", written over a horizontal line.

**Irene Pool, Supervisor  
Mechanical Testing Laboratory**

THIS CERTIFICATE IS THE PROPERTY OF THE CITY OF LOS ANGELES  
AND MAY BE REVOKED FOR ANY OF THE CAUSES SET FORTH IN ARTICLE 8, CHAPTER 9 OF LAMC.

**Truesdail Laboratories, Inc.**  
**List of Approved Plumbing Standards**  
**1/1/2019-1/1/2020**

<b>Standard No.</b>	<b>Standards Title</b>
ASME A112.18.1/CSA B125.1	Plumbing Supply Fittings
ASME A112.18.2/CSA B125.2	Plumbing Waste Fittings
ASME A112.18.3	Performance Requirements for Backflow Protection Devices and Systems in Plumbing Fixture Systems
ASME A112.18.6/CSA B125.6	Flexible Water Connectors
ASME A112.19.1/CSA B45.2	Enamelled Cast Iron and Enamelled Steel Plumbing Fixtures
ASME A112.19.2/CSA B45.1	Ceramic Plumbing Fixtures
ASME A112.19.3/CSA B45.4	Stainless Steel Plumbing Fixtures
ASME A112.19.5/CSA B45.15	Flush Valves and Spuds for Water Closets, Urinals and Tanks
ASME A112.19.10	Dual Flush Devices for Water Closets
ASME A112.19.14	Six-Liter Water Closets Equipped with a Dual Flushing Device
ASME A112.19.19	Vitreous China Nonwater Urinals
ASME B16.23	Cast Copper Alloy Solder Joint Drainage Fittings: DWV
ASME B16.24	Cast Copper Alloy Pipe Flanges and Flanged Fittings: Classes 150, 300, 400, 600, 900, 1500 and 2500
ASSE 1001	Atmospheric Type Vacuum Breakers
ASSE 1002	Anti-Siphon Fill Valves for Water Closet Tanks
ASSE 1003	Water Pressure Reducing Valves for Domestic Water Distribution Systems
ASSE 1004	Backflow Preventing Requirements for Commercial Dishwashing Machines
ASSE 1008	Plumbing Aspects of Residential Food Waste Disposer Units
ASSE 1010	Water Hammer Arresters
ASSE 1011	Hose Connection Vacuum Breakers
ASSE 1012	Backflow Preventers with an Intermediate Atmospheric Vent
ASSE 1013	Reduced Pressure Principle Backflow Preventers and Reduced Pressure Principle Fire Protection Backflow Preventers
ASSE 1014	Backflow Prevention Devices for Hand-Held Shower
ASSE 1015	Double Check Backflow Prevention Assemblies and Double Check Fire Protection Backflow Prevention Assemblies
ASSE 1016/ASME A112.1016/CSA B125.16	Automatic Compensating Valves for Individual Showers and Tub/Shower Combinations
ASSE 1017	Temperature Actuated Mixing Valves for Hot Water Distribution Systems
ASSE 1018	Trap Seal Primer Valves- Potable Water Supplied
ASSE 1019	Wall Hydrant with Backflow Protection and Freeze Resistance
ASSE 1020	Pressure Vacuum Breaker Assembly
ASSE 1022	Backflow Preventer for Beverage Dispensing Equipment
ASSE 1023	Hot Water Dispensers Household Storage Type-Electrical

ASSE 1024	Dual Check Backflow Preventers
ASSE 1032	Dual Check Valve Type Backflow Preventers for Carbonated Beverage Dispensers, Post Mix Types
ASSE 1035	Laboratory Faucet Backflow Preventer
ASSE 1037	Pressurized Flushing Devices (Flushometers) for Plumbing Fixtures
ASSE 1044	Trap Seal Primer Devices-Drainage Types and Electronic Design Types
ASSE 1047	Reduced Pressure Detector Fire Protection Backflow Prevention Assemblies
ASSE 1048	Double Check Detector Fire Protection Backflow Prevention Assemblies
ASSE 1052	Hose Connection Backflow Preventers
ASSE 1055	Chemical Dispensing Systems
ASSE 1056	Spill Resistant Vacuum Breaker Assemblies
ASSE 1057	Freeze Resistant Sanitary Yard Hydrants with Backflow Protection
ASSE 1060	Outdoor Enclosures for Fluid Conveying Components
ASSE 1061	Push-Fit Fittings
ASSE 1062	Temperature Actuated, Flow, Reduction (TAFR) Valves for Individual Fixture Fittings
ASSE 1066	Individual Pressure Balancing In-Line Valves for Individual Fixture Fittings (Note 6)
ASSE 1069	Automatic Temperature Control Mixing Valves
ASSE 1070	Water Temperature Limiting Devices
ASSE 1071	Temperature Actuated Mixing Valves for Plumbed Emergency Equipment
ASSE 1079	Dielectric Pipe Unions
CSA B45.5 / IAPMO Z124	Plastic Plumbing Fixtures
CSA B64	Backflow Preventers and Vacuum Breakers
CSA B125.3	Plumbing Fittings
CSA B137.1	Polyethylene (PE) Pipe, Tubing, and Fittings for Cold-Water Pressure Services
EPA Watersense- 2007	High-Efficiency Lavatory Faucet Specification
EPA Watersense- 2009	Specification for Flushing Urinals
EPA Watersense- 2011	Specification for Tank-Type Toilets
NSF 42	Drinking Water Treatment Units- Aesthetic Effects
NSF 53	Drinking Water Treatment Unit- Health Effects
NSF 61	Drinking Water System Components- Health Effects