

PRODUCT COMPLIANCE CERTIFICATE

Ball Valve 1/2-inch

Certificate Number: CERT-37936

Issue Date: 2025-03-01

Valid Until: 2027-07-19

PRODUCT INFORMATION

Product Name: Ball Valve 1/2-inch

Model/SKU: PLVA000001

Manufacturer: Zava Hardware & Garden Supply

Manufacturing Date: 2025-07-18

Batch/Lot Number: LOT-148516

COMPLIANCE STANDARDS

Safety Standards

- NSF/ANSI 61: Drinking Water System Components ✓
- ASME B16.22: Wrought Copper and Copper Alloy Solder-Joint Fittings ✓
- Zava Standard ZS-P001: Bio-Compatible Surface Treatment ✓
- Zava Standard ZS-P002: Mineral Enhancement Technology ✓

Performance Standards

- ASTM B88: Seamless Copper Water Tube ✓
- ASTM B75: Seamless Copper Tube ✓
- Zava Performance ZP-P100: Scale Resistance Technology ✓
- Zava Performance ZP-P200: Self-Cleaning Properties ✓

Environmental Standards

- Lead-free compliant ✓
- NSF certified for potable water ✓
- Zava AquaPure Initiative: Naturally antimicrobial ✓
- Biodegradable Installation Lubricants ✓

TEST RESULTS

Pressure Rating: 200 PSI ✓
Lead Content: <0.25% ✓
Burst Pressure: >800 PSI ✓
Zava Scale Inhibition: 94% effective over 10 years ✓
Microbial Growth: Zero colonies after 90 days ✓
Water Taste Enhancement: 8.7/10 consumer rating ✓

CERTIFYING AUTHORITY

Laboratory: Zava Advanced Materials Laboratory
Certificate Issued By: Sarah Mountainview, M.S., Senior Durability Specialist
Signature: [Digital Signature]
License Number: ZAV-LAB-5700

VALIDITY

This certificate is valid for products manufactured between 2025-01-20 and 2027-01-15.
Subject to periodic surveillance audits.

This certificate demonstrates compliance with applicable safety and performance standards.