MARQUEST SCIENTIFIC, INC.
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CERTIFICATE OF COMPLIANCE

NSF/ANSI Standards 14 & 61: Plastics Piping Components & Drinking Water Systems

Document No.	MSI-QA-COC-002	**Revision**	Rev. A
Effective Date	01/26/2026	**Customer Ref.**	

1. PRODUCTS COVERED

This Certificate of Compliance applies to the following Marquest Scientific product lines:

Product Line	Description
Series NG THROTTLE MASTER™	Globe Pattern (Straight) Plastic Needle Valves
Series NA THROTTLE MASTER™	Angle Pattern (90°) Plastic Needle Valves

Port Connections: 1/4", 3/8", 1/2" Female NPT; 3/8" & 1/2" Solvent Socket

2. APPLICABLE STANDARDS

Standard	Scope	Applicability
NSF/ANSI 14	Plastics Piping System Components	Valve material & dimensional requirements
NSF/ANSI 61	Drinking Water System Components – Health Effects	Safe for potable water contact

3. MATERIALS OF CONSTRUCTION

Marquest Scientific certifies that all materials used in the manufacture of THROTTLE MASTER™ Needle Valves comply with NSF/ANSI Standards 14 and 61:

3.1 Valve Body & Components (Wetted Surfaces)

Material	Compound / Supplier	NSF 14	NSF 61
PVC (Polyvinyl Chloride)	Westlake HR-5009	✓ Listed	✓ Listed
CPVC (Chlorinated PVC)	GEON Duratherm MC100	✓ Listed	✓ Listed

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Polypropylene (Glass/Mineral Reinforced)	Modified Plastics FG30	✓ Compliant	✓ Compliant
PVDF (Polyvinylidene Fluoride)	Syensqo Solef® PVDF	✓ Compliant	✓ Compliant

3.2 Stem Seal (Wetted Surface)

Material	NSF 14	NSF 61
100% Virgin Modified PTFE (Polytetrafluoroethylene)	✓ Compliant	✓ Compliant

3.3 Materials NOT Present

THROTTLE MASTER™ Needle Valves contain:

✗ No Elastomers (O-Rings) ✗ No Metals ✗ No Lubricants

This all-thermoplastic/fluoropolymer construction eliminates contamination and corrosion risks associated with elastomeric seals and metal components found in competing products.

4. ADDITIONAL STANDARDS COMPLIANCE

THROTTLE MASTER™ Needle Valves also meet the following standards:

BABA	Build America, Buy America Act Compliant – Manufactured in USA
ASTM D1599	Resistance to Short-Time Hydraulic Pressure
ASTM F610/F610M	Thermoplastic Pipe Fittings, Flanges, & Valves

5. DECLARATION OF COMPLIANCE

Marquest Scientific, Inc. hereby certifies that the materials identified above, as used in our THROTTLE MASTER™ Plastic Needle Valve product line, are manufactured from compounds that comply with the requirements of **NSF/ANSI Standard 14: Plastics Piping System Components** and **NSF/ANSI Standard 61: Drinking Water System Components – Health Effects**.

This certificate is issued based on material certifications and technical documentation provided by our qualified raw material suppliers. Marquest Scientific maintains records of supplier certifications on file and available for review upon request.

LIMITATIONS & SCOPE:

This Certificate of Compliance applies to standard production materials only. Custom orders or special material requests may require separate certification. This certificate is based on raw material compliance and does not constitute NSF listing of the finished assembled valve.

6. AUTHORIZATION

Brent Stulik
Authorized Signature

President
Title

Brenton A Stulik
Printed Name

1/26/2026
Date

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