Certificate of Analysis

ILS Laboratories
8222 Vickers St, Suite 106, San Diego, CA 92111
(619) 329-3999 | ils-lab.com

Bacteriostatic water - 10mL

PASS

4X TESTED

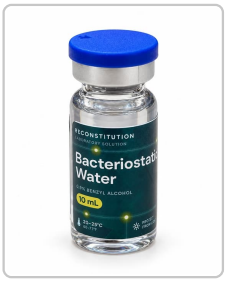
Tested for: signal compounds
https://signalcompounds.com/

COA #:	**COA-2026-RBWIPS**	Analysis Date:	**10/15/2026**
Lot Number:	**SC-BAC-01**	Sample Matrix:	**Lyophilized**
Accession #:	**ACC-2026-22809**	Volume:	**10mL**
Labeled Content:	**10mL**	Date Received:	**10/09/2026**

Scan to verify authenticity at ils-lab.com
Access Code: EQ7YA6NN

Method: **Blind Test (HPLC), Full QC Panel, Sterility (PCR), Heavy Metals (ICP-MS), Water Analysis**

Identity	Purity	
Bacteriostatic water	**99.90%**	Fentanyl Free

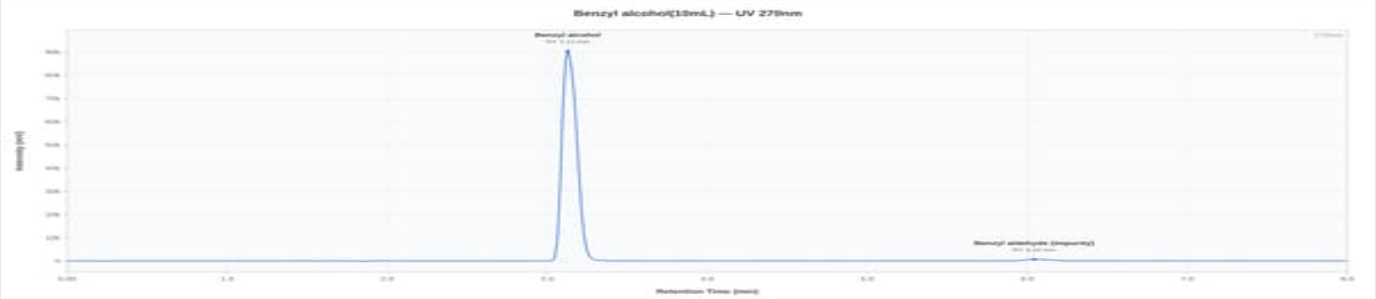


Bacteriostatic water 10mL - SC-BAC-01

Full QC Panel

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	>= 95.0%	**99.90%**	%	PASS
Identity (HPLC-RTM)	Benzyl alcohol	**Confirmed**	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	PASS

HPLC Chromatogram



Bacteriostatic water 10mL - SC-BAC-01: UV Chromatogram

Water Analysis

Analyte	Specification	Result	Unit	Status
pH	4.5 - 7.0	**6.8**	pH	PASS
Benzyl Alcohol	0.8% - 1.0%	**0.9**	%	PASS

Heavy Metals Analysis (ICP-MS)

Test	Specification	Result	Status
Arsenic (As)	NMT 1.5 ppm	*Not Detected*	**PASS**
Cadmium (Cd)	NMT 0.5 ppm	*Not Detected*	**PASS**
Lead (Pb)	NMT 1.0 ppm	*Not Detected*	**PASS**
Mercury (Hg)	NMT 1.5 ppm	*Not Detected*	**PASS**
Chromium (Cr)	NMT 10.0 ppm	*Not Detected*	**PASS**

Sterility Testing (PCR)

Test	Specification	Result	Status
Sterility (PCR)	No Growth	**No Growth**	**PASS**

Endotoxin Testing (USP <85>)

Test	Specification	Result	Status
Endotoxin (USP <85>)	Report Result	**< 0.5 EU/mL**	**Reported**

About this result: Endotoxin is reported as a quantitative value. Acceptable limits vary by product type and matrix, so no universal pass/fail threshold applies to RUO products.

Notes & Methodology

1. Date Tested: 10/15/2026. Methods: Full QC Panel; Water Analysis.
2. The sample was confirmed to be Bacteriostatic water by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. Elemental impurities analyzed by ICP-MS per USP <233> methodology. Acceptance criteria are internal laboratory quality screening limits for research-use materials and do not represent evaluation against any specific pharmacopeial monograph or product specification.
4. Endotoxin tested per USP <85> kinetic chromogenic method.
5. Purity determined by RP-HPLC area normalization at 214 nm.
6. Purity values are capped at 99.9% to reflect instrument limit of detection (LOD). Trace impurities below the detection threshold may be present.
7. Quality System: ILS Laboratories operates an ISO/IEC 17025 quality management system. Peptide testing is performed for Research Use Only.
8. This certificate reports analytical results for the sample(s) submitted to ILS Laboratories for testing. All sample identifications, product names, brand names, lot/batch numbers, and labeled content are provided by the submitting party and have not been independently verified. Results reflect only the analytical testing of the specific sample(s) provided and do not constitute an evaluation or endorsement of the manufacturer's processes, quality systems, or overall production. ILS Laboratories makes no representations regarding the intended use, safety, efficacy, regulatory status, or intellectual property ownership of any materials tested.

ILS LABS

Issued by ILS Laboratories
(619) 329-3999
ils-lab.com

Dr. Greg Kalyuzhny
Lab Director
10/15/2026

COA #: **COA-2026-RBWIPS**
Access Code: **EQ7YA6NN**
Verify: portal.ils-lab.com/verify/h1tQlRTtmtSc8cUp
Issued: 10/15/2026

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This certificate relates only to the sample(s) tested.