# Certificate of Analysis

**ILS Laboratories**
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## Bacteriostatic Water 10 ml - 30mL

**PASS**

**4X TESTED**

**Tested for: Aminogenex LLC**

| | | | |
|---|---|---|---|
| COA #: | **COA-2026--VXSB0** | Analysis Date: | **10/22/2026** |
| Lot Number: | **BAC-092526-10** | Appearance: | **Good** |
| Accession #: | **ACC-2026-23463** | Sample Matrix: | **Lyophilized** |
| Labeled Content: | **10mL** | Volume: | **10mL** |
| | | Date Received: | **10/19/2026** |

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

Identity

**Bacteriostatic Water 10 ml**

Fentanyl Free




*Bacteriostatic Water 10 mL - BAC-092526-10*

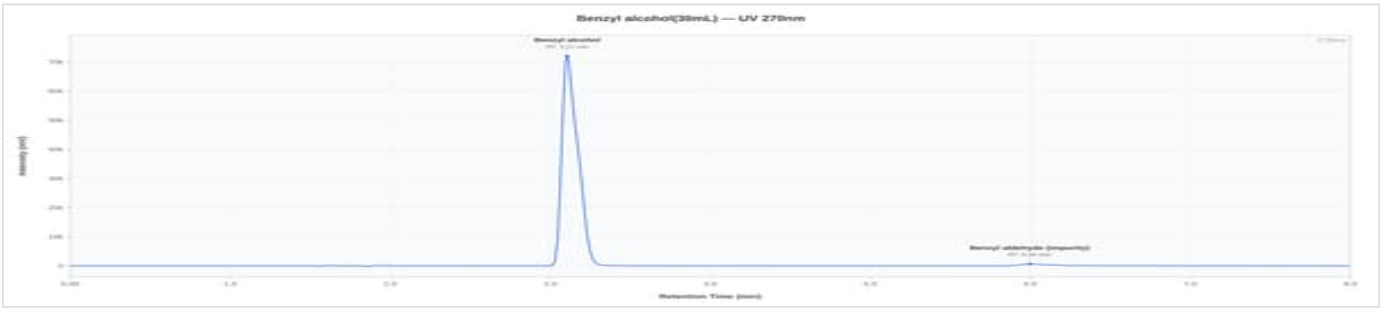
### Water Analysis

| Analyte | Specification | Result | Unit | Status |
|---|---|---|---|---|
| **pH** | 4.5 - 7.0 | **6.8** | pH | **PASS** |
| **Benzyl Alcohol** | 0.8% - 1.0% | **.991** | % | **PASS** |
| **Fentanyl Screen** | Immunoassay, 50 ng/mL cutoff | **Not Detected** | - | **PASS** |

### Full QC Panel

| Analyte | Specification | Result | Unit | Status |
|---|---|---|---|---|
| **Identity (HPLC-RTM)** | Benzyl alcohol | **Confirmed** | - | **PASS** |

### HPLC Chromatogram




*Bacteriostatic Water 10 ml 30mL - BAC-092526-10: UV Chromatogram*




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

## 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 | **NMT 0.05 EU/mL** | **PASS** |

*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. This result is below commonly referenced endotoxin thresholds.*

### Notes & Methodology

1. Date Tested: 10/22/2026. Methods: Water Analysis; Full QC Panel.
2. The sample was confirmed to be Bacteriostatic Water 10 ml 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. Acceptance criteria per client specification.
5. Accreditation Scope: ILS Laboratories maintains ISO/IEC 17025 accreditation for activities listed in its published PJLA scope. Peptide testing reported on this certificate is performed for Research Use Only.
6. 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**
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Lab Director
10/22/2026

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