



## CERTIFICATE OF ANALYSIS

### **GemPure™ Select Water for Injection (WFI) Quality Water (USP Grade)** **(Catalog Number 901-001-203, 901-001-103, 901-001-021)**

**Lot Number:** M125022

**Date of Manufacture:** Mar2025

**Storage Temperature:** 2°C – 30°C

**Product Expiry:** Mar2027

For further manufacturing or research use only. Not for direct therapeutic use.

**Product Description:** GemPure™ Select Water for Injection (WFI) Quality Water (USP Grade) meets the USP monograph for Water for Injection packaged in bulk for commercial use.

| Test                           | Methodology         | Specification              | Analysis                   |
|--------------------------------|---------------------|----------------------------|----------------------------|
| Appearance                     | Visual Inspection   | Clear and colorless liquid | Clear and colorless liquid |
| <b>Biological Testing</b>      |                     |                            |                            |
| Endotoxin                      | USP <85>, EP 2.6.14 | < 0.25 EU/mL               | < 0.0100 EU/mL             |
| <b>Microbiological Testing</b> |                     |                            |                            |
| Sterility                      | USP <71>, EP 2.6.1  |                            |                            |
| Bacteria                       |                     | No Growth                  | No Growth                  |
| Fungi                          |                     | No Growth                  | No Growth                  |
| <b>Biochemistry Testing</b>    |                     |                            |                            |
| Total Organic Carbon           | USP <643>           |                            |                            |
| Before Packaging               |                     | ≤ 500 ppb                  | 2.29 ppb                   |
| Packaged                       |                     | ≤ 8000 ppb                 | 603 ppb                    |
| <b>Physical Testing</b>        |                     |                            |                            |
| pH @ 25°C                      | USP <791>           | 4.0 – 7.0                  | 5.63                       |
| Conductivity @ 25°C            | USP <645>           |                            |                            |
| Before Packaging               |                     | ≤ 1.3 µS/cm                | 1 µS/cm                    |
| Packaged                       |                     | ≤ 5 µS/cm                  | 1.379 µS/cm                |
| Particulate Matter             | USP <788>           |                            |                            |
| ≥ 25µm in size                 |                     | ≤ 3 particles/mL           | 0 particles/mL             |
| ≥ 10µm in size                 |                     | ≤ 25 particles/mL          | 1 particles/mL             |

The testing that has been performed as part of this lot release has been reviewed by Quality Assurance personnel and it has been confirmed that the testing meets the specifications presented on this Certificate of Analysis. This product was manufactured at 920 Stillwater Rd., Suite 130, West Sacramento, CA, U.S.A., which is an animal origin free facility. All final product processes/packaging were also performed at 920 Stillwater Rd., Suite 130, West Sacramento, CA, U.S.A., an animal origin free facility. This facility is ISO 13485:2016 certified.

Jaqueline Wilson  
Name  
QA Specialist  
Title

08 APR 2025  
Date