



**CERTIFICATE OF ANALYSIS**  
**GemPure™ Select Purified Water, Sterile**  
**(USP Grade)**  
**(Catalog Number 901-005-021)**

Lot Number: M123063

Date of Manufacture: Jun2023

Storage Temperature: 2°C – 30°C

Product Expiry: Jun2025

For further Manufacturing or Research use only. Not for direct Therapeutic use.

**Product Description:** GemPure™ Select Purified Water, Sterile (USP Grade) meets the USP monograph for Sterile Purified Water packaged in bulk for commercial use.

Test	Methodology	Specification	Analysis
Appearance	Visual Inspection	Clear and colorless liquid	Clear and colorless liquid
<b>Microbiological Testing</b>			
Sterility	USP <71>, EP 2.6.1		
Bacteria		No Growth	No Growth
Fungi		No Growth	No Growth
<b>Biochemistry</b>			
Total Organic Carbon (Before Packaging)	USP <643>	≤ 500 ppb	6.28 ppb
Total Organic Carbon (Packaged)	USP <643>	≤ 8000 ppb	4180 ppb
<b>Physical Testing</b>			
Conductivity @ 25°C (Before Packaging)	USP <644>, EP 2.2.38	≤ 1.3 µS/cm	0.09 µS/cm
Conductivity @ 25°C (Packaged)	USP <644>, EP 2.2.38	≤ 5.0 µS/cm	1.570 µS/cm

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.

VANESSA YOUNG

Name

14 JUL 2023

Date

QA ASSOCIATE II

Title