



## CERTIFICATE OF ANALYSIS

**GemPure™ Select Water for Irrigation (WFlr) Quality Water**

**(USP Grade)**

**(Catalog Number 901-003-5X6)**

**(Catalog Number 901-003-500)**

Lot Number: M124017

Date of Manufacture: Apr2024

Storage Temperature: 2°C – 30°C

Product Expiry: Apr2026

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

**Product Description:** GemPure™ Select Water for Irrigation (WFlr) Quality Water (USP Grade) meets the USP monograph for Sterile Water for Irrigation 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	1.96 ppb
Packaged		≤ 8000 ppb	2470 ppb
<b>Physical Testing</b>			
pH @ 25°C	USP <791>	4.0 – 7.0	5.62
Conductivity @ 25°C	USP <645>		
Before Packaging		≤ 1.3 µS/cm	1 µS/cm
Packaged		≤ 5.0 µS/cm	1.032 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. 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

07 MAY 2024  
Date

QA Specialist  
Title