



## CERTIFICATE OF ANALYSIS

**GemPure™ Select Water for Irrigation (WFlr) Quality Water  
(USP Grade)  
(Catalog Number 901-003-500)**

Lot Number: M123061

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 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	<0.010 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</b>			
Total Organic Carbon (Before Packaging)	USP <643>	≤ 500 ppb	3.1 ppb
Total Organic Carbon (Packaged)	USP <643>	≤ 8000 ppb	2810 ppb
<b>Physical Testing</b>			
pH @ 25°C	USP <791>	4.0 – 7.0	5.5
Conductivity @ 25°C (Before Packaging)	USP <644>, EP 2.2.38	≤ 1.3 μS/cm	0.091 μS/cm
Conductivity @ 25°C (Packaged)	USP <644>, EP 2.2.38	≤ 5.0 μS/cm	0.948 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.

Jaqueline Wilson  
Name  
QA Specialist  
Title

05 JUL 2023  
Date