



CERTIFICATE OF ANALYSIS

GemPure™ Select Water for Irrigation (WFlr) Quality Water

(USP Grade)

(Catalog Number 901-003-1X6)

(Catalog Number 901-003-001)

Lot Number: M123062

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
Biological Testing			
Endotoxin	USP <85>, EP 2.6.14	< 0.25 EU/mL	<0.010 EU/mL
Microbiological Testing			
Sterility	USP <71>, EP 2.6.1		
Bacteria		No Growth	No Growth
Fungi		No Growth	No Growth
Biochemistry			
Total Organic Carbon (Before Packaging)	USP <643>	≤ 500 ppb	3.85 ppb
Total Organic Carbon (Packaged)	USP <643>	≤ 8000 ppb	3420 ppb
Physical Testing			
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	0.984 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

12 JUL 2023
Date

QA Specialist
Title