



CERTIFICATE OF ANALYSIS

GemPure™ Select Water for Injection (WFI) Quality Water (USP Grade)

(Catalog Number 901-001-022, 901-001-202)

Lot Number: M123037

Date of Manufacture: May2023

Storage Temperature: 2°C – 30°C

Product Expiry: May2024

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
Biological Testing			
Endotoxin	USP <85>, EP 2.6.14	< 0.25 EU/mL	<0.050 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	2.44 ppb
Total Organic Carbon (Packaged)	USP <643>	≤ 8000 ppb	3330 ppb
Physical Testing			
pH @ 25°C	USP <791>	4.0 – 7.0	6.5
Conductivity @ 25°C (Before Packaging)	USP <644>, EP 2.2.38	≤ 1.3 μS/cm	0.083 μS/cm
Conductivity @ 25°C (Packaged)	USP <644>, EP 2.2.38	≤ 5 μS/cm	1 μS/cm
Particulate Matter	USP <788>		
≥ 25μm in size		≤ 3 particles/mL	0 particles/mL
≥ 10μm in size		≤ 25 particles/mL	1 particle/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.

 Jeugueline Wilson
Name

 25 MAY 2023
Date

 QA Specialist
Title