



CERTIFICATE OF ANALYSIS

Addendum

GemPure Select Water for Injection (WFI) Quality Water (Catalog Number 901-001-101, 901-001-201)

Lot Number: M122125

Date of Manufacture: Aug2022

Expiration Date: Aug2023

Storage Temperature: 2°C – 30°C

For Cell culture, Further Manufacturing or Research use Only. Not for Direct Therapeutic Use.

Product Description: *GemPure Select Water for Injection (WFI) Quality Water 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	<0.01 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	6.79 ppb
Total Organic Carbon (Packaged)	USP <643>	≤ 8000 ppb	2850 ppb
Physical Testing			
pH @ 25°C	USP <791>	5.0 – 7.0	5.6
Conductivity @ 25°C (Packaged)	USP <644>, EP 2.2.38	≤ 5 μS/cm	1.199 μS/cm
Conductivity @ 25°C (Before Packaging)	USP <644>, EP 2.2.38	≤ 1.3 μS/cm	0.096 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.

Julianne Wilson
Name

QA Specialist
Title

09NOV2022
Date