



CERTIFICATE OF ANALYSIS

GemPure™ Cell and Molecular Grade Water

(Catalog Number 901-004-1X6)

(Catalog Number 901-004-001)

Lot Number: M123148

Date of Manufacture: Dec2023

Storage Temperature: 2°C – 30°C

Product Expiry: Dec2025

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

Product Description: GemPure™ Cell and Molecular Grade Water - tested for use in cell culture and molecular biology applications.

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	0.0131 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	USP <643>	≤ 500 ppb	2.76 ppb
Before Packaging		≤ 8000 ppb	3920 ppb
Packaged			
Physical Testing			
pH @ 25°C	USP <791>	4.0 – 7.0	5.58
Conductivity @ 25°C	USP <6445>		
Before Packaging		≤ 1.3 µS/cm	1 µS/cm
Packaged		≤ 5.0 µS/cm	1.152 µS/cm
DNase	PCR/Fluorescence	None Detected	None Detected
RNase	PCR/Fluorescence	None Detected	None Detected
Protease	PCR/Fluorescence	None Detected	None Detected

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.

Megha Khaleji
Name

27SEP2024
Date

QA Manager
Title