



CERTIFICATE OF ANALYSIS
L-Glutamine: Penicillin: Streptomycin Solution
L-alanyl-L-glutamine(stabilized)
(Catalog Number 400-110)

Lot Number: F322043

Date of Manufacture: Dec2022

Product Expiry: Dec2024

Storage Temperature: $\leq -10^{\circ}\text{C}$

For Cell culture, further Manufacturing or Research use only. Not for direct Therapeutic Use.

Product description: L-Glutamine: Penicillin: Streptomycin Solution is sterile-filtered through a 0.2 μm filter prior to storage.

Test	Methodology	Specification	Analysis
Microbiological Testing			
Sterility	USP<71>		
Bacteria		No Growth	No Growth
Fungi		No Growth	No Growth
Physical Testing			
pH	USP<791>	Report	5.64
Osmolality	USP<785>	Report	511 mOsm/kg

The testing that has been performed as part of this lot release has been reviewed by Quality Assurance personnel and has confirmed that the testing meets the specifications presented on this Certificate of Analysis.

Sofia Tsang
Name

QC Lead
Title

03 JAN 2023
Date