



CERTIFICATE OF ANALYSIS

L-Glutamine Solution (Stabilized)

L-alanyl-L-glutamine

(Catalog Number 400-106)

Lot Number: F122024

Date of Manufacture: Jul2022

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

Product Expiry: Jul2024

For Cell Culture, further Manufacturing or Research use only. Not for Direct Therapeutic use.

Test	Methodology	Specification	Analysis
Microbiological Testing			
Sterility	USP<71>		
Bacteria		No Growth	No Growth
Fungi		No Growth	No Growth
Physical Testing			
Osmolality	USP<785>	As reported	460 mOsm/Kg
pH	USP <791>	As reported	5.69

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.

Regulene Wilson
Name

QA Specialist
Title

28 JUL 2022
Date