



CERTIFICATE OF ANALYSIS

Product	L-Glutamic acid monosodium salt monohydrate
Grade	Cell Culture
Product Code	A212093-0025
Formula	C ₅ H ₈ NO ₄ Na.H ₂ O
MW	187.130
CAS#	6106-04-3
Lot No.	T5501250
Re-assay	May, 2028

Test Items	Specifications	Results
Appearance	White crystalline powder	Conform
Identity	Passes	Pass
Bioburden	≤ 100 CFU/g	Pass
Aluminum	Report mg/kg	0.03mg/kg
Cobalt	Report mg/kg	0
Chromium	Report mg/kg	0.01 mg/kg
Copper	Report mg/kg	0
Iron	Report mg/kg	2.24 mg/kg
Manganese	Report mg/kg	0.43 mg/kg
Molybdenum	Report mg/kg	0
Nickel	Report mg/kg	3.53 mg/kg
Selenium	Report mg/kg	0.14 mg/kg
Vanadium	Report mg/kg	0
Zinc	Report mg/kg	0
pH	6.7 to 7.2 (at 1%, 25 °C)	7.13
Solubility	Soluble at 1%	Pass
Endotoxin	NMT 1EU/mg	< 1EU/mg
Assay	≥ 99.0%	99.99%
Moisture (LOD)	≤ 0.5%	0.08%
Animal Component Free	Conforms	Conforms

This Signature indicates that the above material has met all quality specifications and has been reviewed by a quality representative.

Signature: *Naracy G.*

Title: Quality Manager

Date: June 03, 2025

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