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CERTIFICATE OF ANALYSIS FINISHED PRODUCT

Product Name: L-Glutamine 85sv

Material Number: 300000943

Formula Code: 100000445

Manufacturing Date: 01/2025

Process Order / Packaging Lot: 20012723

Batch Lot: 0000314289

Expiration Date: 01/2028

Identity and Composition:

Test	Specification	Method	Results
Dosage Form	Powder	Visual/Xymogen	Pass
Color	White Crystalline powder	Visual/Xymogen	Pass
Taste	Slightly sweet	Organoleptic/Xymogen	Pass
Odor	None	Organoleptic/Xymogen	Pass
Bulk Density	Report Only	USP <616>/Xymogen	0.55 g/ mL
Scoop 6 cc	4.1 g (3.7 g – 4.5 g)	QC-041/Xymogen	3.9 g
Bottle Fill Weight	350 g (350 g – 357 g)	Scale/Xymogen	354 g

Strength:

Test	Specification (4.061 g)	Method	Results
L-Glutamine	NLT 4 g	Titration HPLC / Intertek	4 g
Calories	NMT 18 calories	NLEA-Calories/Intertek	16 calories

Purity

Test	Specification	Method / Lab	Results	Reference
Total Plate Count	NMT 3,000 CFU/g	QC-017 / Xymogen	<3,000 CFU/g	Batch Record
Yeast & Mold	NMT 300 CFU/g	QC-017 / Xymogen	<300 CFU/g	Batch Record
E. coli	Negative / 10 g	QC-017 / Xymogen	Negative/ 10g	Batch Record
Salmonella	Negative / 10 g	QC-017 / Xymogen	Negative/ 10g	Batch Record

Contaminants:

Test	Specification	Method / Lab	Results	Reference
Arsenic (As)	≤10 mcg/4.061 g	AM-003/Xymogen	NMT 0.01 mcg	LN 609Page 18
Cadmium (Cd)	≤4.1 mcg/4.061 g	AM-003/Xymogen	NMT 0.01 mcg	LN 609Page 18
Lead (Pb)	≤0.5 mcg/4.061 g	AM-003/Xymogen	NMT 0.01 mcg	LN 609Page 18
Mercury (Hg)	≤0.3 mcg/4.061 g	AM-003/Xymogen	NMT 0.01 mcg	LN 609Page 18

Prepared by: cb22 Date: 09/24/25

QA Approved: [Signature] Date: 09/24/25