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CERTIFICATE OF ANALYSIS FINISHED PRODUCT

Product Name: L-Theanine 120C

Material Number: 300000025

Formula Code: 200000146

Manufacturing Date: 09/2025

Process Order / Packaging Lot: 20012971

Batch Lot: 10005340

Expiration Date: 08/2027

Identity and Composition:

Test	Specification	Method	Results
Capsule Size	"1" / 19.40 mm $\pm$ 0.30 mm	Gauge/Xymogen	Pass
Color	Clear Capsule containing white /off-white to pink/light-pink powder	Visual/Xymogen	Pass
Dosage Form	Two-piece capsule	Visual/Xymogen	Pass
Weight Average	417.478 mg (396.604 mg – 438.352 mg)	USP <2091> /Xymogen	418.945 mg
Disintegration (min.)	NMT 30 minutes	USP <2040> /Xymogen	5 minutes
Weight Variation	Complies	USP <2091> /Xymogen	Complies

Strength:

Test	Specification 2 capsules	Method	Results
L-Theanine	400 mg - 800 mg	AM-098/Xymogen	476 mg

Contaminants:

Test	Specification	Method / Lab	Results	Reference
Arsenic (As)	$\leq 10 \mu\text{g}$ /4 capsules	AM-003/Xymogen	0.01 mcg	LN 609 Page 76
Cadmium (Cd)	$\leq 4.1 \mu\text{g}$ /4 capsules	AM-003/Xymogen	NMT 0.01 mcg	LN 609 Page 76
Lead (Pb)	$\leq 0.5 \mu\text{g}$ /4 capsules	AM-003/Xymogen	0.01 mcg	LN 609 Page 76
Mercury (Hg)	$\leq 0.3 \mu\text{g}$ /4 capsules	AM-003/Xymogen	NMT 0.01 mcg	LN 609 Page 76

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

Prepared by:

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Date

10/31/25

QA Approved:

Jhu

Date

10/31/25