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CERTIFICATE OF ANALYSIS FINISHED PRODUCT

Material Number: 300000089

Formula Code: 200000192

Product: 5-MTHF ES 60C

Batch Lot: 10004996

Process Order: 20012450

Manufacture Date: 04/2025

Expiration Date: 03/2027

Identity and Composition:

Test	Specification (1 Tablet)	Method	Results
Capsule Size	"1" / 19.40 mm $\pm$ 0.30 mm	Gauge/Xymogen	Pass
Color	Clear capsule containing off white powder	Visual/Xymogen	Pass
Dosage Form	Two-Piece Capsule	Visual/Xymogen	Pass
Weight Average	371.579 mg (353.000 mg – 390.158 mg)	USP <2091> /Xymogen	373.225 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
Folate (as (6S)-5-methyltetrahydrofolic acid, glucosamine salt)	17,000 mcg DFE – 34,000 mcg DFE	AM-100/ Xymogen	22,352 mcg DFE

Purity:

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

Contaminants:

Test	Specification	Method / Lab	Results	Reference
Arsenic (As)	$\leq$ 10 mcg/2 capsules	AM-003/Xymogen	NMT 0.01 mcg	LN 584- page 124
Cadmium (Cd)	$\leq$ 4.1 mcg/2 capsules	AM-003/Xymogen	NMT 0.01 mcg	LN 584- page 124
Lead (Pb)	$\leq$ 0.5 mcg/2 capsules	AM-003/Xymogen	NMT 0.01 mcg	LN 584- page 124
Mercury (Hg)	$\leq$ 0.3 mcg/2 capsules	AM-003/Xymogen	NMT 0.01 mcg	LN 584- page 124

PREPARED BY:

J. Leblanc

DATE:

08/05/25

QA APPROVED:

[Signature]

DATE:

08/05/25