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CERTIFICATE OF ANALYSIS FINISHED PRODUCT

Product Name: Berberine ES-5 60C

Material Number: 300095624

Formula Code: 200085783

Manufacturing Date: 12/2025

Process Order / Packaging Lot: 20013370

Batch Lot: 10005453

Expiration Date: 11/2027

Identity and Composition:

Test	Specification	Method	Results
Capsule Size	"1" / 19.40 mm $\pm$ 0.30 mm	Gauge/Xymogen	Pass
Color	Clear capsule containing yellow powder with specks	Visual/Xymogen	Pass
Dosage Form	Two-Piece Capsule	Visual/Xymogen	Pass
Weight Average	435.176 mg (413.417 mg – 456.935 mg)	USP <2091> /Xymogen	434.393 mg
Disintegration (min.)	NMT 30 minutes	USP <2040> /Xymogen	3 minutes
Weight Variation	Complies	USP <2091> /Xymogen	Complies

Strength:

Test	Specification (1 Capsule)	Method	Results
Dihydroberberine	200 mg – 400 mg	HPLC / Intertek	221 mg

Contaminants:

Test	Specification	Method / Lab	Results	Reference
Arsenic (As)	$\leq$ 10 mcg/1 capsule	AM-003/Xymogen	NMT 0.01 mcg	LN 609 Page 167
Cadmium (Cd)	$\leq$ 4.1 mcg/1 capsule	AM-003/Xymogen	0.01 mcg	LN 609 Page 167
Lead (Pb)	$\leq$ 0.5 mcg/1 capsule	AM-003/Xymogen	0.01 mcg	LN 609 Page 167
Mercury (Hg)	$\leq$ 0.3 mcg/1 capsule	AM-003/Xymogen	NMT 0.01 mcg	LN 609 Page 167

Purity:

Test	Specification	Method / Lab	Results	Reference
Total Plate Count	NMT 10,000 CFU/g	QC-017 / Xymogen	<10,000 CFU/g	Batch Record
Yeast & Mold	NMT 1,000 CFU/g	QC-017 / Xymogen	<1,000 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

Prepared by: cbzdl Date: 01/29/26
QA Approved: [Signature] Date: 01/29/26