

VCR C-24B0801

CERTIFICATE OF ANALYSIS

Product Name: Peppermint Powder	Country of Origin: Egypt	Lot#: NIGPMLP-2312V058308
Botanical Name: <i>Mentha piperita</i>	Part Used: Leaf	Manufacture Date: Dec 2023
Free From: Additives, GMOs	Treatment: Steam	Retest Date: Dec 2026

TEST ITEMS	SPECIFICATIONS	RESULTS	TEST METHODS
Appearance	Green to Dark Green Powder	Conforms	Visual
Taste & Odor	Characteristic	Conforms	Organoleptic
Identification	Conforms to Standard	Conforms	HPTLC
Particle Size	NLT 90% thru 60 Mesh	96.5%	ASTA 10.0
Moisture	NMT 10%	5.12%	Infrared Moisture Balance
Bulk Density	Weighing	0.24g/mL	USP30<616>
HEAVY METALS ANALYSIS			
Arsenic (As)	NMT 1ppm	0.27 ppm	ICP-MS
Cadmium (Cd)	NMT 1ppm	0.02 ppm	ICP-MS
Lead (Pb)	NMT 2ppm	1.03 ppm	ICP-MS
Mercury (Hg)	NMT 1ppm	0.02 ppm	ICP-MS
MICROBIOLOGICAL ANALYSIS			
Total Plate Count	NMT 1,000,000cfu/g	2,500 CFU/g	APHA
Yeast & Mold	NMT 5,000cfu/g	<20 CFU/g	APHA
Coliform	NMT 100cfu/g	< 10cfu/g	AOAC 991.14
E. Coli	Absent	Not Detected	AOAC 991.14
Salmonella	Absent/25g	Not Detected	AOAC 2011.03

Storage	Store in a clean, dry place at room temperature.
Shelf Life	Three years if sealed and stored away from direct sunlight.


 Approved By: Colleen Hoban / QA Department



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