

CERTIFICATE OF ANALYSIS

Product Name: SPMD-99
Item Code: 4SUSP260560CTUS
Lot Number: S26238002

Manufacturing Date: 8/26/2026
Expiration Date: 8/25/2029

Capsule (Size, Color, Type): 0, clear, HPMC Vegetarian

ANALYTICAL REQUIREMENTS

Test	Specification	Method	Test Results
Appearance	White Powder Filled in Capsules	Organoleptic	Conforms
Average Weight	Weigh 20 capsules individually and determine the average weight. The requirements are met if each of the individual weights are within the limits of USP <2091>	USP <2091>	528.35 mg
Disintegration	NMT 30 Minutes	USP <2040>	19 Min 55 Sec
Spermidine 3HCl	NLT 20 mg/2 capsules	Dumas	26.58 mg/2 capsule

Heavy Metals	Specification	Method	Test Results
Lead	NMT 2.0 ppm	ICP-MS	0.022 ppm
Arsenic	NMT 5.0 ppm	ICP-MS	0.035 ppm
Cadmium	NMT 0.3 ppm	ICP-MS	<0.010 ppm
Mercury	NMT 0.2 ppm	ICP-MS	<0.010 ppm

Microbiological Test	Specification	Method	Test Results
Total Plate Count	≤1,000 cfu/g	USP <2021>	≤1,000 cfu/g
Yeast & Mold	≤100 cfu/g	USP <2021>	≤100 cfu/g
Coliforms	≤100 cfu/g	USP <2021>	≤100 cfu/g
E. coli	Absent in 10g	USP <2022>	Absent
Staphylococcus aureus	Absent in 10g	USP <2022>	Absent
Salmonella	Absent in 10g	USP <2022>	Absent

40910324
QC Reviewer / Date

Y. Bai 09/03/26
Quality Approval / Date