ASCENDTIALS LLC
Research compounds · Quality Control Department

CERTIFICATE OF ANALYSIS

Document COA-NSP-2501B

NAD+ Spray

LOT NUMBER
NSP-2501B

DATE OF ANALYSIS
August 21, 2026

RETEST DATE
August 20, 2028

ANALYTICAL LABORATORY
Third-party HPLC/MS

ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT
Appearance	Visual	Clear solution, free of particulates	**Conforms**
Identity	RP-HPLC retention time	Conforms to reference standard	**Conforms**
Assay (label claim)	RP-HPLC, UV 214 nm	95.0 - 105.0%	**98.2%**
Purity	RP-HPLC, UV 214 nm	NLT 98.0%	**99.00%**
pH	USP <791>	5.0 - 7.5	**6.9**
Fill volume	Gravimetric	NLT label claim	**Conforms**
Bacterial endotoxins	LAL, USP <85>	< 1.0 EU/mL	**Conforms**

CONFORMS — lot NSP-2501B meets all specifications listed above.

CHROMATOGRAPHIC CONDITIONS

Column: C18 reversed phase, 4.6 × 250 mm, 5 µm, 100 Å
Mobile phase A: 0.1% TFA in water · B: 0.1% TFA in acetonitrile
Gradient: 5-65% B over 30 min · Flow: 1.0 mL/min · 25 °C
Detection: UV 214 nm · Injection volume: 20 µL
Mass spectrometry: ESI, positive ion mode

STORAGE & HANDLING

Store at 2-8 °C, protected from light. Do not freeze.

RELEASED BY
Quality Control, Ascendtials LLC

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FOR LABORATORY RESEARCH USE ONLY — NOT FOR HUMAN OR VETERINARY USE.
This certificate applies only to the lot identified above. Not for use in food, drugs, medical devices, or cosmetics.