

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	NAD+
Lot No.:	VS2320260212-500
Sequence:	NAD+
Modifications:	N/A

Quality Control

Test Items	Specifications	Results
Appearance	White to off-white lyophilized powder	White to off-white lyophilized powder (Conforms)
Molecular Weight (MS)	663.43±1.0 Da	663.35 Da
Purity by HPLC	>98%	99.4 %
Retention Time (HPLC)	±0.2min of Standard	Conforms
Assay	80.0% ~120.0%	115.7%
Solubility	500 mg/1ml H ₂ O	Clearly soluble
Methanol Content	≤0.300%	0.020%
Ethanol Content	≤0.500%	0.020%
Total Aerobic Count	≤100CFU/g	Conforms
Yeast & Molds Count	≤100CFU/g	Conforms
Endotoxins	≤0.5EU/mg	Conforms

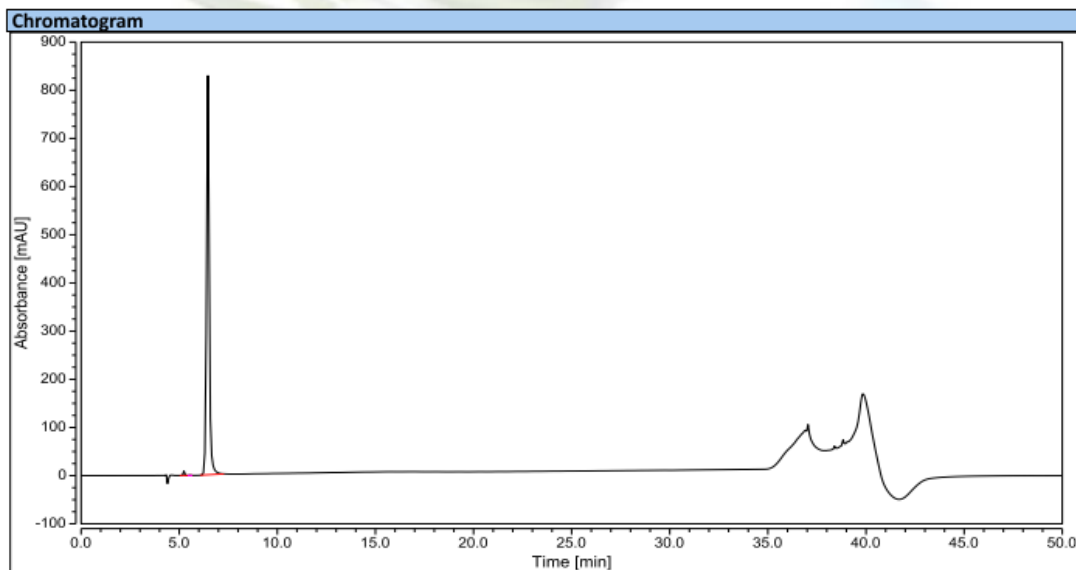
Storage Conditions: -20°C.

Date of Mfg: 12 Feb 2026

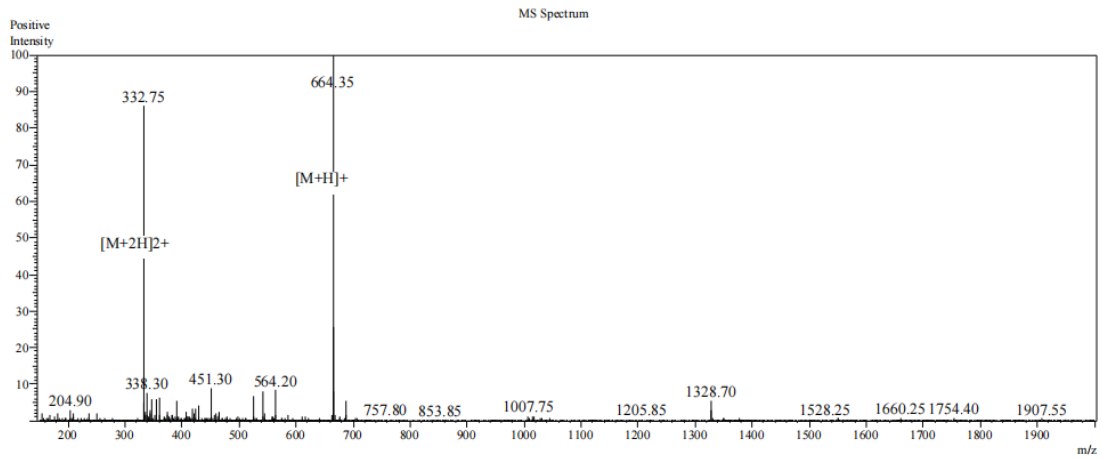
Sample Information

Lot. No	VS2320260212-500
Pump A	0.1% trifluoroacetic in 100% water
Pump B	0.1% trifluoroacetic in 100% acetonitrile
Total Flow	0.8ml/min
Wavelength	220nm
Analytical column type	WelCh Ultimate AQ- C18 (4.6*250mm*5um)
Dissolution method	100%H ₂ O
Acquisition Time	2026/02/14 11:05
Inj. Volume	10ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	2
30.00	Pumps	B.Conc	17
35.00	Pumps	B.Conc	90
36.00	Pumps	B.Conc	2
46.00	Pumps	B.Conc	2
50.00	Controller	Stop	



Integration Results						
No.	RetentionTime min	Area mAU*min	Height mAU		Rel.Area %	
1	5.178	0.0559	1.095		0.042	
2	5.239	0.6645	9.086		0.504	
3	5.558	0.1016	1.039		0.077	
4	6.463	130.9930	828.445		99.376	
Total:					100.000	



Sample Information		Interface	:ESI	Prerod Bias	:+4.5kv
Dissolution method	:3%HAC+25%ACN+72%H2O	Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
Date Acquired	:2026/2/24 8:50:28	CDL Temp	:250C	T.Flow	:-0.2ml/min
Injection Volume	:10ul	CDL Volt	:0v	B.conc	:30%H2O/70%MeOH
		Block Temp	:200		

Lot No.	VS2320260212-500
Theoretical	663.43
Observed	663.35