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Certificate of Analysis

Product

**88722 - β -Nicotinamide Adenine Dinucleotide Phosphate
Disodium Salt for cell culture,95%, (BET) 0.05EU/mg -
[24292-60-2]**

Batch No

7969799

Analysis Date

27-Oct-2024

Date of Manufacture

October 2024

Expiry Date/Re-Test Date

October 2029

Molecular Formula

C₂₁H₂₆N₇O₁₇P₃Na₂

Molecular Weight

787.37

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to pale yellow	Pale yellow
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 4% aq. solution	Clear	Clear
Solubility (Colour) 4% aq. solution	Colourless to pale yellow	Pale yellow
Assay (UV)	min. 95%	97.5%
Absorbance (A) of 1% solution (pH 7.0) in a 1 cm cell v/s buffer	.	
@260nm	223 - 229	223
Spectral Ratio (A _{250nm} /A _{260nm})	~ 0.83	0.82
Spectral Ratio (A _{280nm} /A _{260nm})	~ 0.21	0.20
Water (KF)	max. 6.0%	5.3%
Suitability for Cell Culture	Passes	Passes
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	<0.05 EU/mg	Passes

FRM/82/11/4/88722 Rev No. 3 Date 22/05/2023

Prepared by Jayesh

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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