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Certificate of Analysis

Product

88722 - β -Nicotinamide Adenine Dinucleotide Phosphate Disodium Salt (β -NADP.Na₂, TPN.Na₂) for cell culture, 95 - [24292-60-2]

Batch No

1055726

Analysis Date

05-Jul-2022

Date of Manufacture

July 2022

Expiry Date/Re-Test Date

July 2027

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	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. 2 Date 16/05/2022

Prepared by **Prajakta**

In compliance with the standard specifications of SRL

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

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