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Certificate of Analysis

Product

**28771 - β -Nicotinamide Adenine Dinucleotide Phosphate
Monosodium Salt for cell culture, 98%, (BET)
0.05EU/mg - [1184-16-3]**

Batch No

8205773

Analysis Date

05-Jun-2022

Date of Manufacture

June 2022

Expiry Date/Re-Test Date

June 2027

Molecular Formula

C₂₁H₂₇N₇O₁₇P₃Na

Molecular Weight

765.4

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to pale yellow	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 4% aq. solution	Clear	Clear
Solubility (Colour) 4% aq. solution	Colourless to pale yellow	Colourless
Assay (UV)	min. 98%	98.5%
Absorbance (A) of 1% aq. solution (pH 7.0) in a 1cm cell		
@260nm	223 - 229	223
Spectral Ratio (A _{250nm} /A _{260nm})	~0.83	0.83
Spectral Ratio (A _{280nm} /A _{260nm})	~0.21	0.21
Water (KF)	max. 6.0%	3.6%
DNase, RNase, Protease	Not detected	Not detected
Suitability for Cell Culture	Passes test	Passes
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	<0.05 EU/mg	Passes

FRM/82/11/4/28771 Rev No. 1 Date 16/05/2022

Prepared by **Mayur**

In compliance with the standard specifications of SRL

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

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