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Certificate of Analysis

Product

**82819 - β -Nicotinamide Adenine Dinucleotide Phosphate
Monosodium Salt (β -NADP.Na, TPN.Na) extrapure, 98%
- [1184-16-3]**

Batch No

4733306

Analysis Date

28-Apr-2024

Date of Manufacture

April 2024

Expiry Date/Re-Test Date

April 2029

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%	98.0%
Absorbance (A) of 1% aq. solution (pH 7.0) in a 1cm cell		
@260nm	223 - 229	224
Spectral Ratio (A _{250nm} /A _{260nm})	~ 0.83	0.84
Spectral Ratio (A _{280nm} /A _{260nm})	~0.21	0.21
Water (KF)	max. 6%	5.7%

FRM/82/11/4/82819 Rev No. 2 Date 27/08/2019

Prepared by **Prajakta**

In compliance with the standard specifications of SRL

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

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