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Certificate of Analysis

Product

99197 - β -Nicotinamide Adenine Dinucleotide Phosphate Tetrasodium Salt (Reduced)(β -NADPH.Na₄) extrapure, 98% - [2646-71-1]

Batch No

4392568

Analysis Date

10-Oct-2024

Date of Manufacture

October 2024

Expiry Date/Re-Test Date

October 2029

Molecular Formula

C₂₁H₂₆N₇O₁₇P₃Na₄

Molecular Weight

833.35

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. 98%	99.7%
Absorbance (A) of 1% aq. solution (pH 7.0) in a 1cm cell		
@260nm	168 - 180	168.7
Spectral Ratio (A _{250nm} /A _{260nm})	~0.80	0.79
Spectral Ratio (A _{260nm} /A _{340nm})	~2.3	2.3
Water (KF)	max. 8%	7.1%

FRM/82/11/4/99197 Rev No. 2 Date 08/03/2023

Prepared by **Dhanashree**

In compliance with the standard specifications of SRL

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

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