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Certificate of Analysis

Product	88991 - β-Nicotinamide Adenine Dinucleotide Sodium Salt (β-NAD.Na) extrapure, 95% - [20111-18-6]
Batch No	4335181
Analysis Date	03-Sep-2022
Date of Manufacture	September 2022
Expiry Date/Re-Test Date	September 2027
Molecular Formula	C ₂₁ H ₂₆ N ₇ O ₁₄ P ₂ Na
Molecular Weight	685.41

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off-white	Off-white
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless to pale yellow	Pale yellow
Assay (UV)	min. 95%	97.3%
Absorbance (A) of 1% aq. solution (pH 7.0) in a 1cm cell		
@260nm	255 - 270	256
Spectral Ratio (A250nm/A260nm)	0.82	0.82
Spectral Ratio (A280nm/A260nm)	0.21	0.21
Water (KF)	max. 7.0%	3.2%

FRM/82/11/4/88991 Rev No. 2 Date 05/07/2022

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

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