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Certificate of Analysis

Product

**56640 - β -Nicotinamide Adenine Dinucleotide Phosphate
Disodium Salt (β -NADP.Na₂, TPN.Na₂) for MB, 95% -
[24292-60-2]**

Batch No

3790178

Analysis Date

21-Feb-2024

Date of Manufacture

February 2024

Expiry Date/Re-Test Date

February 2029

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	Colourless
Assay (UV)	min. 95%	96.5%
Absorbance (A) of 1% aq. solution (pH 7.0) in a 1cm cell	.	
Spectral Ratio (A _{250nm} /A _{260nm})	~ 0.83	0.83
Spectral Ratio (A _{280nm} /A _{260nm})	~ 0.21	0.21
@260nm	223 - 229	223.3
Water (KF)	max. 6%	4.1%
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/56640 Rev No. 2 Date 22/05/2023

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

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