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Certificate of Analysis

Product

**57451 - β -Nicotinamide Adenine Dinucleotide Phosphate
Disodium Salt (β -NADP.Na₂, TPN.Na₂) extrapure, 95% -
[24292-60-2]**

Batch No

6009745

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% solution (pH 7.0) in a 1 cm cell v/s buffer | . | |
| @260nm | 223 - 229 | 223.3 |
| 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% | 4.1% |

FRM/82/11/4/57451 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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