



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

www.srlchem.com

Certificate of Analysis

Product

57647 - β -Nicotinamide Adenine Dinucleotide Phosphate Tetrasodium Salt (Reduced) (β -NADPH.Na₄) for MB, 98% - [2646-71-1]

Batch No

3721279

Analysis Date

06-Apr-2024

Date of Manufacture

April 2024

Expiry Date/Re-Test Date

April 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%	99.2%
Absorbance (A) of 1% aq. solution (pH 7.0) in a 1cm cell	.	
@260nm	168 - 180	168
Spectral Ratio (A _{250nm} /A _{260nm})	~ 0.80	0.80
Spectral Ratio (A _{260nm} /A _{340nm})	~ 2.3	2.4
Water (KF)	max. 8%	6.5%
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/57647 Rev No. 1 Date 16/02/2020

Prepared by **Dhanashree**

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

1/1

[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](#)

This COA has been generated electronically and it is valid without signature.