



**SISCO  
RESEARCH  
LABORATORIES  
PVT. LTD.**

[www.srlchem.com](http://www.srlchem.com)

## Certificate of Analysis

**Product**

**72970 -  $\beta$ -Nicotinamide Adenine Dinucleotide Phosphate  
Monosodium Salt ( $\beta$ -NADP.Na) for MB, 98% -  
[1184-16-3]**

**Batch No**

**8749307**

**Analysis Date**

28-Apr-2024

**Date of Manufacture**

April 2024

**Expiry Date/Re-Test Date**

April 2029

**Molecular Formula**

C<sub>21</sub>H<sub>27</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>Na

**Molecular Weight**

765.4

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to pale yellow	White
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. 98%	98.0%
Absorbance (A) of 1% aq. solution (pH 7.0) in a 1cm cell	.	
@260nm	223 - 229	224
Spectral Ratio (A <sub>250nm</sub> /A <sub>260nm</sub> )	~ 0.83	0.84
Spectral Ratio (A <sub>280nm</sub> /A <sub>260nm</sub> )	~ 0.21	0.21
Water (KF)	max. 6.0%	5.7%
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/72970 Rev No. 2 Date 15/12/2022

Prepared by **Prajakta**

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.