



**SISCO  
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## Certificate of Analysis

**Product**

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

**Batch No**

**1640286**

**Analysis Date**

27-Oct-2024

**Date of Manufacture**

October 2024

**Expiry Date/Re-Test Date**

October 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%	98.5%
Absorbance (A) of 1% aq. solution (pH 7.0) in a 1cm cell	.	
@260nm	223 - 229	223
Spectral Ratio (A <sub>250nm</sub> /A <sub>260nm</sub> )	~ 0.83	0.83
Spectral Ratio (A <sub>280nm</sub> /A <sub>260nm</sub> )	~ 0.21	0.21
Water (KF)	max. 6.0%	3.6%
DNase, RNase, Protease	Not detected	Not detected

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

Prepared by Prasad

In compliance with the standard specifications of SRL

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

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