



**SISCO  
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## Certificate of Analysis

**Product**

**54941 -  $\beta$ -Nicotinamide Adenine Dinucleotide Disodium Salt (Reduced) ( $\beta$ -NADH.Na<sub>2</sub>, DPNH.Na<sub>2</sub>) for MB, 98% - [606-68-8]**

**Batch No**

**6963404**

**Analysis Date**

31-Jul-2023

**Date of Manufacture**

July 2023

**Expiry Date/Re-Test Date**

July 2028

**Molecular Formula**

C<sub>21</sub>H<sub>27</sub>N<sub>7</sub>O<sub>14</sub>P<sub>2</sub>Na<sub>2</sub>

**Molecular Weight**

709.46

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%	98%
Spectral Ratio (A <sub>250nm</sub> /A <sub>260nm</sub> )	~ 0.82	0.80
Spectral Ratio (A <sub>260nm</sub> /A <sub>340nm</sub> )	~ 2.3	2.3
Absorbance (A) of 1% aq. solution (pH 7.0) in a 1cm cell	.	.
@260nm	200 - 210	200
Water (KF)	max. 6%	3.9%
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/54941 Rev No. 1 Date 01/29/2020

Prepared by **Dhanashree**

In compliance with the standard specifications of SRL

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

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