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Certificate of Analysis

Product

10581 - β -Nicotinamide Adenine Dinucleotide Disodium Salt(Reduced) (β -NADH.Na₂,DPNH.Na₂) for cellculture,98% - [606-68-8]

Batch No

6161889

Analysis Date

01-Feb-2022

Date of Manufacture

February 2022

Expiry Date/Re-Test Date

February 2027

Molecular Formula

C₂₁H₂₇N₇O₁₄P₂Na₂

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%	99.2%
Spectral Ratio (A _{250nm} /A _{260nm})	~ 0.82	0.8
Spectral Ratio (A _{260nm} /A _{340nm})	~ 2.3	2.4
Absorbance (A) of 1% aq. solution (pH 7.0) in a 1cm cell	.	.
@260nm	200 - 210	204
Water (KF)	max. 6%	3.2%
DNase, RNase, Protease	Not detected	Not detected
Suitability for Cell Culture	Passes	Passes
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	<0.05 EU/mg	Passes

FRM/82/11/4/10581 Rev No. 2 Date 01/02/2022

Prepared by **Sonali**

In compliance with the standard specifications of SRL

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

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