



**SISCO
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Certificate of Analysis

Product	81951 - Adenine Sulphate for tissue culture, 99% - [321-30-2]
Batch No	8704750
Analysis Date	22-Sep-2022
Date of Manufacture	September 2022
Expiry Date/Re-Test Date	September 2027
Molecular Formula	(C ₅ H ₅ N ₅) ₂ ·½H ₂ SO ₄ ·2H ₂ O
Molecular Weight	404.40

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off-white	Off white
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 1% solution in 0.1N HCl	Clear	Clear
Solubility (Colour) 1% solution in 0.1N HCl	Colourless to pale yellow	Pale yellow
Assay	min. 99%	99.6%
A250nm/A260nm	0.72 - 0.80	0.77
A280nm/A260nm	0.34 - 0.42	0.35
A290nm/A260nm	0.01 - 0.05	0.03
Suitability for Tissue Culture	Passes	Passes

FRM/82/11/4/81951 Rev No. 2 Date 29/09/2018

Prepared by Prasad

In compliance with the standard specifications of SRL

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

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