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## Certificate of Analysis

**Product** **81951 - Adenine Hemisulphate Dihydrate for tissue culture, 99% - [6509-19-9, 321-30-2]**

**Batch No** **3109643**

**Analysis Date** 06-Oct-2024

**Date of Manufacture** October 2024

**Expiry Date/Re-Test Date** October 2029

**Molecular Formula** (C<sub>5</sub>H<sub>5</sub>N<sub>5</sub>)<sub>2</sub>·½H<sub>2</sub>SO<sub>4</sub>·2H<sub>2</sub>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%	99.8%
A250nm/A260nm	0.72 - 0.80	0.76
A280nm/A260nm	0.34 - 0.42	0.36
A290nm/A260nm	0.01 - 0.05	0.02
Suitability for Tissue Culture	Passes	Passes

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

Prepared by Vivek

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

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