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Certificate of Analysis

Product	54865 - Adenosine extrapure, 99% - [58-61-7]
Batch No	3877141
Analysis Date	02-Aug-2020
Date of Manufacture	August 2020
Expiry Date/Re-Test Date	August 2025
Molecular Formula	C ₁₀ H ₁₃ N ₅ O ₄
Molecular Weight	267.24

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 1% soln in 1N HCl	Clear	Clear
Solubility (Colour) 1% soln in 1N HCl	Colourless	Colourless
Assay	min 99%	99.8%
Specific rotation [α]	- 45° to - 49° (C=2 , N HCl)	- 46.2°
Loss on drying	max. 0.5%	0.1%
Sulphated Ash	max 0.1%	0.06%
Heavy Metals (Pb)	max 0.001%	Passes
Spectral Ratio (A250nm/A260nm)	0.72 - 0.82	0.78
Spectral Ratio (A280nm/A260nm)	0.12 - 0.18	0.15

FRM/82/11/4/54865 Rev No. 1 Date 01/11/2015

Prepared by Jay

In compliance with the standard specifications of SRL

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

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