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Certificate of Analysis

Product **94149 - Adenosine ExiPlus, Multi-Compendial, 99% - [58-61-7]**
Batch No **6185415**
Analysis Date 16-Mar-2024
Date of Manufacture March 2024
Expiry Date/Re-Test Date March 2029
Molecular Formula C10H13N5O4
Molecular Weight 267.24

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP, Ph.Eur	Passes
Appearance (Colour)	White	White
Appearance (Form)	Powder	Powder
Solubility (Turbidity) 1% solution in 0.1N HCl	Clear	Clear
Solubility (Colour) 1% solution in 0.1N HCl	Colourless	Colourless
Assay (UV)	min. 99.0%	99.5%
Specific rotation $[\alpha]$	- 45° to - 49° (C=2 , N HCl)	- 45.390°
Loss on drying	max. 0.5%	0.2%
Sulphated Ash	max 0.1%	0.02%
Heavy Metals (Pb)	max 0.001%	Passes
Spectral Ratio (A250nm/A260nm)	0.74 - 0.82	0.78
Spectral Ratio (A280nm/A260nm)	0.12 - 0.18	0.15
Spectral Ratio (A290nm/A260nm)	0 - 0.04	0.007

FRM/82/11/4/94149 Rev No. 2 Date 30/03/2023

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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