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Certificate of Analysis

Product	84878 - Adenosine-5'-Triphosphate Disodium Salt (ATP-Na₂) extrapure vanadium free, 98% - [34369-07-8]
Batch No	5195895
Analysis Date	18-Apr-2024
Date of Manufacture	April 2024
Expiry Date/Re-Test Date	April 2029
Molecular Formula	C ₁₀ H ₁₄ N ₅ O ₁₃ P ₃ Na ₂
Molecular Weight	551.15

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (HPLC) (on anhydrous basis)	min. 98.0%	99.4%
Assay (UV) (on anhydrous basis)	min. 98.0%	99.3%
Phosphate (P)	max. 0.1%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Vanadium (V)	max. 0.0005%	Passes
Water (KF)	max. 10%	6.6%
Spectral Ratio (A _{250nm} /A _{260nm})	0.76 - 0.80	0.78
Spectral Ratio (A _{280nm} /A _{260nm})	0.14 - 0.18	0.15
Spectral Ratio (A _{290nm} /A _{260nm})	0.01 - 0.04	0.01

FRM/82/11/4/84878 Rev No. 3 Date 24/04/2024

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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