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## Certificate of Analysis

<b>Product</b>	<b>90697 - Adenosine-5-Monophosphate Disodium Salt (AMP.Na<sub>2</sub>) extrapure, 95% - [4578-31-8]</b>
<b>Batch No</b>	<b>1626724</b>
<b>Analysis Date</b>	24-Apr-2024
<b>Date of Manufacture</b>	April 2024
<b>Expiry Date/Re-Test Date</b>	April 2029
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>12</sub> N <sub>5</sub> O <sub>7</sub> PNa <sub>2</sub>
<b>Molecular Weight</b>	391.19

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 (UV) on dry basis	min. 95%	99.3%
Heavy Metals (Pb)	max. 0.001%	Passes
Phosphate (PO <sub>4</sub> )	max. 0.1%	Passes
Spectral Ratio (A <sub>250nm</sub> /A <sub>260nm</sub> )	0.74 to 0.82	0.79
Spectral Ratio (A <sub>280nm</sub> /A <sub>260nm</sub> )	0.12 to 0.18	0.15
ATP	max. 0.5%	Passes
ADP	max. 1%	Passes
Water (KF)	max. 25%	4.5%

FRM/82/11/4/90697 Rev No. 3 Date 24/04/2024

Prepared by Komal

In compliance with the standard specifications of SRL

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

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