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## Certificate of Analysis

<b>Product</b>	<b>43801 - Adenosine-5-Diphosphate Disodium Salt (ADP-Na<sub>2</sub>) extrapure, 98% - [16178-48-6]</b>
<b>Batch No</b>	<b>3479997</b>
<b>Analysis Date</b>	03-Jul-2024
<b>Date of Manufacture</b>	July 2024
<b>Expiry Date/Re-Test Date</b>	July 2029
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>10</sub> P <sub>2</sub> Na <sub>2</sub>
<b>Molecular Weight</b>	471.17

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)	min. 98.0%	99.1%
Phosphate (P)	max. 0.2%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Water (KF)	max. 10%	5.76%
Spectral Ratio (A <sub>250nm</sub> /A <sub>260nm</sub> )	0.78 - 0.82	0.79
Spectral Ratio (A <sub>280nm</sub> /A <sub>260nm</sub> )	0.15 - 0.20	0.15

FRM/82/11/4/43801 Rev No. 2 Date 31/01/2023

Prepared by **Prajakta**

In compliance with the standard specifications of SRL

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