



# BIO-CHEM CHEMICALS

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## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>Adenosine-5'-Diphosphoric Acid Disodium Salt 98% For Biochemistry (A.D.P.)</b>
<b>Code No.</b>	<b>B-00071</b>
<b>Batch No.</b>	<b>BC08240398</b>
<b>Cas No.</b>	<b>16178-48-6</b>
<b>Mfg.Date</b>	<b>Aug/2024</b>
<b>Date of Analysis</b>	<b>08/31/2024</b>
<b>Retest Date</b>	<b>Sep-2029</b>

TEST	SPECIFICATION	RESULT
Appearance	White powder	White powder
Assay (spectrophotometric; on dried basis)	97.5 - 102.5% (ADP-Na <sub>2</sub> H, (calculated) >=82.0 % (ADP, on as is basis) (lambda max. 260 nm) molar absorptivity 15000 +/- 2%, pH 7	97.61%
Infrared spectrum	Conforms	Conforms
Ratio of absorbance	Conforms	Conforms
A250/A260	0.76 to 0.80	0.77
A280/A260	0.15 - 0.17	0.15
Water (by KF)	Max 10.0%	0.39%
Sodium (Na)	8.0 - 10.0%	8.4%
Solubility (5% in water)	Clear colorless	Clear colorless

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

**This is an electronically generated certificate and is valid without a signature.**

For Issues relating to quality you may send us a mail on [info@biofinechemical.com](mailto:info@biofinechemical.com) or call on  
**+91-7404210730** Website- [www.biofinechemical.com](http://www.biofinechemical.com)