



# INDOFINE Chemical Company, Inc.

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## *Certificate of Analysis*

<b>Catalogue Number</b>	BIO-013
<b>Lot Number</b>	001237-21622
<b>Product</b>	<b>Adenosine-5'-diphosphate disodium salt dihydrate</b> 5'-ADP•2Na•2H <sub>2</sub> O  Adenosine-5'-diphosphoric acid disodium salt dihydrate
<b>CAS Number</b>	16178-48-6
<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> •2H <sub>2</sub> O
<b>Molecular Weight</b>	507.2
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<b>Appearance</b>	White powder
<b>Water Content (Karl Fisher)</b>	10.9%
<b>UV Ratios</b>	Absorbance: A <sub>250</sub> /A <sub>260</sub> = 0.78 A <sub>280</sub> /A <sub>260</sub> = 0.15
<b>Purity by HPLC</b>	98.8%
<b>Purity by UV</b>	96% (Anhydrous basis)
<b>Storage</b>	Store at -20 °C

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