

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	38856
<b>Product</b>	<b>Flavin adenine dinucleotide disodium salt</b> FAD·2Na hydrate Riboflavin 5'-adenosine diphosphate disodium salt hydrate
<b>CAS Number</b>	84366-81-4
<b>Molecular Formula</b>	C <sub>27</sub> H <sub>31</sub> N <sub>9</sub> O <sub>15</sub> P <sub>2</sub> Na <sub>2</sub> •xH <sub>2</sub> O
<b>Molecular Weight</b>	829.52

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<b>Appearance</b>	Yellow-orange powder
<b>Optical Rotation</b>	$[\alpha]^{20}_D = -25.5$ to $-21.0$ ° (C = 20, H <sub>2</sub> O)
<b>Assay</b>	≥ 95%
<b>Grade</b>	Suitable for cell culture
<b>Application</b>	Keep container tightly closed in a dry and well-ventilated place
<b>Storage</b>	Store at ≤ -4 °C

**For Laboratory Use Only**