

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	42085
<b>Product</b>	<b>a-Nicotinamide adenine dinucleotide</b> a-DPN a-Diphosphopyridine nucleotide
<b>CAS Number</b>	7298-93-3
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>27</sub> N <sub>7</sub> O <sub>14</sub> P <sub>2</sub>
<b>Molecular Weight</b>	663.43
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<b>Synonym 3</b>	a-NAD
<b>Appearance</b>	White to light yellow powder
<b>Solubility</b>	Colorless to faint yellow solution (50 mg/mL in water)
<b>Water Content (Karl Fisher)</b>	≤ 7%
<b>Related Substances</b>	β-isomer : ≤ 1%
<b>Purity by HPLC</b>	≥ 95%
<b>Storage</b>	Store at ≤ -10 °C

**For Laboratory Use Only**