

# *Chem-Impex International, Inc.*

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## Certificate of Analysis

<b>Catalog Number</b>	00229
<b>Product Name</b>	Nicotinamide adenine dinucleotide NAD, DPN, Diphosphopyridine nucleotide
<b>Lot Number</b>	000001
<b>CAS Registry Number</b>	53-84-9
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>27</sub> N <sub>7</sub> O <sub>14</sub> P <sub>2</sub> (anhydrous)
<b>Molecular Weight</b>	663.4 (anhydrous)
<b>Appearance</b>	White crystalline powder
<b>Identity by IR spectrum</b>	Passes Test
<b>State of solution</b>	Not less than 95.0% (C = 3, H <sub>2</sub> O)
<b>Water (Karl Fischer)</b>	<10.0%
<b>Heavy Metals (as Pb)</b>	< 20 ppm
<b>Assay (anhydrous basis, DOD)</b>	> 98.0%
<b>Storage</b>	Store at -0°C.
<b>Remarks</b>	See material safety data sheets for additional information. For laboratory use only.

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Sashi Kumar**  
Quality Control Manager