

# Specification

## Technical Data Sheet

<b>Product Name</b>	NAD (beta-Nicotinamide adenine dinucleotide) (C <sub>21</sub> H <sub>27</sub> N <sub>7</sub> O <sub>14</sub> P <sub>2</sub> )
<b>Product No</b>	27828376
<b>CAS Number</b>	53-84-9
<b>Storage Temperature</b>	-15 to -20 °C
<b>Molecular Weight</b>	663.43
	<b>Specification</b>
<b>Appearance</b>	White to off white crystalline powder
<b>Identification</b>	Conforms to reference
<b>pH</b>	(100mg/ml aq.) 2.5 - 3.5
<b>Purity (HPLC)</b>	≥ 99.0%
<b>Cadmium (Cd)</b>	≤ 0.1 ppm
<b>Enzyme Content</b>	≥ 99.0%

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**Water Content**  $\leq 8.0\%$

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**Lead(Pb)**  $\leq 0.5$  ppm

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**Mercury (Hg)**  $\leq 0.1$  ppm

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**Microbial count**  $\leq 500$  CFU/g

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**Sodium (Na)**  $\leq 1.0\%$

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