

## Certificate of Quality

**Product Name: NADH**

$\beta$ -Nicotinamide Adenine Dinucleotide, Reduced, (Reduced Coenzyme-I) Disodium Salt. Maximum absorption wave length: 260nm and 340nm.

Product Code: A3402 CAS #: 606-68-8  
Grade: High Purity Formula: C<sub>21</sub>H<sub>27</sub>O<sub>14</sub>N<sub>7</sub>P<sub>2</sub>Na<sub>2</sub>  
Appearance: White to yellowish lyophilized powder MW: 709.4  
Reassay Date: 2 years after shipping date Lot#: See product label  
Storage: -20°C. Protect from moisture. Allow to come to room temperature before opening. avoid freeze-thaw cycles.

TEST	SPECIFICATION	RESULT
Purity (HPLC)	≥ 98%	Passes
Purity (ADH enzymatic activity analysis)	≥ 98%	Passes
Water	≤ 5%	Passes
Sodium	6.5±0.5%	Passes
Organic residues (as Methanol) by GC	≤ 0.1%	Passes
pH (Water, 100 mg/ml)	7.5-9.0	Passes
A250/A260	0.82±0.03	Passes
A280/A260	0.23±0.02	Passes
A340/A260	0.42±0.01	Passes

Data Verified by M. He.

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