

## Beta Nicotinamide Adenine Dinucleotide

### Product Characteristics

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Appearance	White to yellowish powder
Country of Origin	China

Profile	Method	Specification
Identification	FTIR	Complies with reference
Assay $\beta$ -NAD (as is)	HPLC	$\geq 97.0\%$
Water	KF	$\leq 5.0\%$
Lead	ICP-MS	$\leq 0.5$ ppm
Arsenic	ICP-MS	$\leq 0.5$ ppm
Cadmium	ICP-MS	$\leq 0.5$ ppm
Mercury	ICP-MS	$\leq 0.5$ ppm
Total plate count	USP	$\leq 1,000$ cfu/g
Yeast & mold	USP	$\leq 100$ cfu/g
E. coli	USP	Negative
Salmonella	USP	Negative

### Storage

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Keep dry and away from light, long term storage at  $-25^{\circ}\text{C}$  to  $-15^{\circ}\text{C}$

Revised: 9/17/18