



Trafa Pharmaceutical Inc.

140 Padgette Street, Unit D

Chicopee, MA 01022, USA

Tel: 1-866-99-Trafa (87232) FAX: 1-800-627-1880

Sales@TrafaPharma.com www.TrafaPharma.com

SPECIFICATION SHEET

Product: β-Nicotinamide mononucleotide (β-NMN; Nicotinamide ribonucleotide) (Formula: $C_{11}H_{15}N_2O_8P$; M.W.: 334.22)		Batch Quantity: 100.00 kg
ITEMS	SPECIFICATIONS	TESTING METHOD
Description	White to pale yellow Crystalline powder	Organoleptic
Identification (IR; HPLC)	IR spectrum /HPLC / matches R.S.	IR
Appearance of solution (5% w/v in water)	Colorless to pale yellow and Clear	In-house
Residue on Ignition	Not more than 0.1%	USP <281>
Water content (K.F.)	Not more than 5.0%	USP <731>
Total Impurities	Not more than 3.0%	HPLC
Heavy Metals	Not more than 10ppm	USP <231>
Arsenic (As)	Not more than 1ppm	USP <211>
Residual solvent(Ethanol)	Not more than 1,000ppm	HPLC
Assay (on anhydrous basis)	95.0% to 100.0%	HPLC

Note: The above information is based on the certificate of analysis received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by :

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