Botanic Planet
Your Supplier for Essential Oils & Botanicals
Canada Inc.

CERTIFICATE OF ANALYSIS

Product Name: Beta NMN (β-Nicotinamide Mononucleotide) Powder
Chemical Name: β-Nicotinamide Mononucleotide
CAS No.: 1094-61-7
Molecular Formula: $C_{11}H_{15}N_2O_8P$
Grade: Cosmetic Grade
Batch/Lot No.: BPCNMN112026
Expiry/Retest Date: November 2029
Country of Origin: China

Test Item	Specification	Result
Appearance	White to off-white powder	Conforms
Identification	Positive	Conforms
Assay (HPLC)	≥ 99.0%	99.5%
Purity (HPLC)	≥ 99.0%	99.7%
Water Content	≤ 5.0%	1.2%
Loss on Drying	≤ 5.0%	1.4%
pH	2.0–4.0	3.2
Residue on Ignition	≤ 0.5%	0.08%
Lead (Pb)	≤ 2 ppm	<2 ppm
Arsenic (As)	≤ 1 ppm	<1 ppm
Cadmium (Cd)	≤ 1 ppm	<1 ppm
Mercury (Hg)	≤ 0.1 ppm	<0.1 ppm
Total Plate Count	≤ 1,000 CFU/g	<100 CFU/g
Yeast & Mold	≤ 100 CFU/g	<10 CFU/g
E. coli	Negative	Negative
Salmonella	Negative	Negative
Staphylococcus aureus	Negative	Negative

This product is a 100% pure and natural. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge. The analysis and statements herein constitute the most complete information available to botanic Planet. Please refer to all relevant technical information specific to the product, prior to use. This information contained in this material safety Data sheet is obtained from current and reliable sources. As an ordinary or otherwise user(s) of this product is outside the control of Botanic Planet Canada Inc., no representation or warranty, expressed or implied is made as to the effect(s) of such use (s) (including damages or injury) or any obtained. Botanic Planet Canada Inc. expressly disclaims responsibility as to the ordinary or otherwise uses. Furthermore Botanic Planet Canada Inc. makes no claims as to the fitness for any use, and you should consider nothing container herein as a recommendation. The Liability of botanic Planet Canada Inc. is limited to the value of the goods and does not include any consequential loss. In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario Canada.

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