NEUROGAN LABS

8821 Production Ave. San Diego, CA, 92121
(858) 832-2065
support@neurogan.com

Certificate of Analysis

Identification

Date Issued	02/04/2025
Sample	NMN Powder 30,000mg, 2oz
Batch No.	DK23-NMP1
Sample Type	Powder
Sample ID	NEU-NMP01-02042025
Sample Size	30g

Purity of Raw Ingredients

Analyte	Method	Result
β-Nicotinamide Mononucleotide	HPLC	98.9%

Active Ingredients Analysis

Analyte	Method	Specification	Result (mg)	Total (mg)
β-Nicotinamide Mononucleotide	HPLC	30,000mg per unit	30,000	30,000

Residual Solvents

Analyte	Limit (µg/g)	LOD (µg/g)	LOQ (µg/g)	Method	Result (µg/g)	Analyte	Limit (µg/g)	LOD (µg/g)	LOQ (µg/g)	Method	Result (µg/g)
1,2-Dichloroethane	1	0.141	0.429	GC-MS	ND	Hexane	290	0.0556	0.237	GC-MS	ND
Acetone	5000	14.4	43.2	GC-MS	ND	Isopropyl alcohol	5000	1.08	3.23	GC-MS	ND
Acetonitrile	410	0.101	0.302	GC-MS	ND	Methanol	3000	2.50	7.51	GC-MS	ND
Benzene	1	0.0177	0.0538	GC-MS	ND	Methylene chloride	1	0.107	0.614	GC-MS	ND
Butane	5000	0.818	4.08	GC-MS	ND	Pentane	5000	0.810	3.60	GC-MS	ND
Chloroform	1	0.0303	0.0910	GC-MS	ND	Propane	5000	3.73	11.2	GC-MS	ND
Ethanol	5000	2.20	6.61	GC-MS	ND	Toluene	890	0.0741	0.728	GC-MS	ND
Ethyl acetate	5000	0.2464	1.93	GC-MS	ND	Trichloroethylene	1	0.0152	0.122	GC-MS	ND
Ethylene oxide	1	0.129	0.488	GC-MS	ND	o-Xylene	N/A	0.0848	0.722	GC-MS	ND
Ethyl ether	5000	0.996	2.99	GC-MS	ND	p- and m-Xylene	N/A	0.0972	1.44	GC-MS	ND
Heptane	5000	0.579	2.41	GC-MS	ND	Total xylenes	2170	0.0168	0.143	GC-MS	ND

PCR-Microbial (non-inhalable)

Analyte	Result (µg/g)
Salmonella spp.	ND
Shiga toxin-producing E. coli	ND

Heavy Metals Testing

Analyte	Limit (µg/g)	LOD (µg/g)	LOQ (µg/g)	Method	Result (µg/g)	Analyte	Limit (µg/g)	LOD (µg/g)	LOQ (µg/g)	Method	Result (µg/g)
Arsenic	1.5	0.00300	0.00900	ICP-MS	0.0893	Lead	0.5	0.00100	0.00400	ICP-MS	0.0244
Cadmium	0.5	0.00100	0.00200	ICP-MS	ND	Mercury	3	0.00500	0.0140	ICP-MS	ND

| <: Less Than | >: Greater Than | RP: Result Pending | MPN: Most Probable Number | CFU: Colony Forming Units | - - -:Not Requested | NA: Not Applicable | ND: Not Detected | MDL: Method Detection Limit | LCMRL:Lowest Concentration Minimum Reporting Level | NT: Not Tested| ~: Estimated| TBA: To Be Advised | TNTC: Too numerous to count|

DISCLAIMER

This Certificate of Analysis contains results provided by ISO 17025 certified contract laboratories external to Neurogan, as well as results determined by validated methods in Neurogan's internal laboratory. This document does not relieve the purchaser from any responsibility for conducting their own tests in order to verify the suitability of this product for their application and to comply with all relevant legal requirements for any goods into which this product is incorporated.

The Recommended Use By Date is based on a representative study which has shown stability of color, odor, and solvents throughout the defined period under advised storage conditions. Addition of our product as an ingredient at any point until the recommended use by date should provide a consistent experience. This date is guidance based on optimum storage conditions; exposure to oxygen, light, heat, extreme cold, or other unanticipated conditions may result in degradation of the products prior to the end of the stated recommended use by date. Any directions on the product label to refrigerate during storage should be followed. Botanically derived and/or synthetic compounds found in this product may contain trace compounds which can potentially result in a slight variance between lots.

Results Certified By

Artem Plekhov
Artem Plekhov
Senior Chemist & Analyst, Neurogan