

NEUROGAN LABS

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Certificate of Analysis



Identification		
Date Issued	01/02/2025	
Sample	Nicotinamide Mononucleotide Capsules 900mg per capsule, 81,000mg total, 90ct.	
Batch No.	DK23-N901	
Sample Type	Capsules	
Sample ID	NEU-N901-01022025	
Sample Size	90 capsules	

Purity of Raw Ingredients		
Analyte	Method	Result
β-Nicotinamide Mononucleotide	HPLC	99.6%

Active Ingredients Analysis				
Analyte	Method	Specification	Result (mg)	Total (mg)
β-Nicotinamide Mononucleotide	HPLC	900mg per capsule	1,055.8	95,022.0

Pesticide Analysis											
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)
Captan		0.120	0.358	GC-MS/MS	ND	Cypermethrin		0.0145	0.0435	GC-MS/MS	ND
Chlordane		0.0249	0.0747	GC-MS/MS	ND	Methyl parathion		0.00811	0.0243	GC-MS/MS	ND
Chlorfenapyr		0.0251	0.0753	GC-MS/MS	ND	Pentachloronitrobenzene		0.0182	0.0545	GC-MS/MS	ND
Cyfluthrin		0.0186	0.0558	GC-MS/MS	ND						

Pesticide Analysis											
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)
Abamectin	0.3	0.0500	0.100	LC-MS/MS	ND	Malathion	5	0.0117	0.0354	LC-MS/MS	ND
Abamectin Ba		0.0330	0.0990	LC-MS/MS	ND	Metalaxyl	15	0.0101	0.0306	LC-MS/MS	ND
Acephate	5	0.0164	0.0497	LC-MS/MS	ND	Methiocarb	Any amt	0.0156	0.0473	LC-MS/MS	ND
Acequinocyl	4	0.0194	0.0587	LC-MS/MS	ND	Methomyl	0.1	0.0158	0.0479	LC-MS/MS	ND
Acetamiprid	5	0.0146	0.0442	LC-MS/MS	ND	Mevinphos	Any amt	0.0139	0.0423	LC-MS/MS	ND
Aldicarb	Any amt	0.0216	0.0654	LC-MS/MS	ND	Myclobutanil	9	0.018	0.0546	LC-MS/MS	ND
Azoxystrobin	40	0.00960	0.0291	LC-MS/MS	ND	Naled	0.5	0.017	0.0514	LC-MS/MS	ND
Bifenazate	5	0.0115	0.0349	LC-MS/MS	ND	Oxamyl	0.2	0.0153	0.0465	LC-MS/MS	ND
Bifenthrin	0.5	0.0130	0.0395	LC-MS/MS	ND	Paclobutrazol	Any amt	0.0132	0.0400	LC-MS/MS	ND
Boscalid	10	0.0197	0.0596	LC-MS/MS	ND	Permethrin	20	0.00831	0.0300	LC-MS/MS	ND
Carbaryl	0.5	0.016	0.0486	LC-MS/MS	ND	Permethrin cis		0.0200	0.0300	LC-MS/MS	ND
Carbofuran	Any amt	0.00902	0.0300	LC-MS/MS	ND	Permethrin trans		0.0200	0.0300	LC-MS/MS	ND
Chlorantraniliprole	40	0.0209	0.0632	LC-MS/MS	ND	Phosmet	0.2	0.0125	0.0377	LC-MS/MS	ND
Chlorpyrifos	Any amt	0.0176	0.0534	LC-MS/MS	ND	Piperonylbutoxide	8	0.00759	0.0300	LC-MS/MS	ND
Clofentezine	0.5	0.0129	0.0389	LC-MS/MS	ND	Prallethrin	0.4	0.0226	0.0685	LC-MS/MS	ND
Coumaphos	Any amt	0.0185	0.0559	LC-MS/MS	ND	Propiconazole	20	0.0195	0.0590	LC-MS/MS	ND
Daminozide	Any amt	0.0261	0.0791	LC-MS/MS	ND	Propoxur	Any amt	0.0155	0.0471	LC-MS/MS	ND
Diazinon	0.2	0.00645	0.0300	LC-MS/MS	ND	Pyrethrins	1	0.00431	0.0300	LC-MS/MS	ND
Dichlorvos	Any amt	0.0223	0.0674	LC-MS/MS	ND	Pyrethrins Pyrethrin I		0.0100	0.0450	LC-MS/MS	ND
Dimethoate	Any amt	0.0118	0.0356	LC-MS/MS	ND	Pyrethrins Pyrethrin II		0.0100	0.0300	LC-MS/MS	ND
Dimethomorph	20	0.0137	0.0416	LC-MS/MS	ND	Pyridaben	3	0.0115	0.0350	LC-MS/MS	ND
Ethoprophos	Any amt	0.0174	0.0528	LC-MS/MS	ND	Spinetoram	3	0.00639	0.0300	LC-MS/MS	ND
Etofenprox	Any amt	0.00849	0.0300	LC-MS/MS	ND	Spinetoram J		0.00500	0.0100	LC-MS/MS	ND
Etoxazole	1.5	0.00783	0.0300	LC-MS/MS	ND	Spinetoram L		0.00500	0.0100	LC-MS/MS	ND
Fenhexamid	10	0.0129	0.0392	LC-MS/MS	ND	Spinosad	3	0.00410	0.0300	LC-MS/MS	ND
Fenoxycarb	Any amt	0.0144	0.0435	LC-MS/MS	ND	Spinosad A		0.00500	0.0100	LC-MS/MS	ND
Fenpyroximate	2	0.00972	0.0300	LC-MS/MS	ND	Spinosad D		0.00500	0.0100	LC-MS/MS	ND
Fipronil	Any amt	0.0148	0.0447	LC-MS/MS	ND	Spiromesifen	12	0.0137	0.0416	LC-MS/MS	ND
Flonicamid	2	0.0268	0.0811	LC-MS/MS	ND	Spirotetramat	13	0.0134	0.0407	LC-MS/MS	ND
Fludioxonil	30	0.0153	0.0464	LC-MS/MS	ND	Spiroxamine	Any amt	0.0106	0.0320	LC-MS/MS	ND
Hexythiazox	2	0.0257	0.0778	LC-MS/MS	ND	Tebuconazole	2	0.0144	0.0437	LC-MS/MS	ND
Imazalil	Any amt	0.0156	0.0474	LC-MS/MS	ND	Thiacloprid	Any amt	0.0139	0.0421	LC-MS/MS	ND
Imidacloprid	3	0.0235	0.0711	LC-MS/MS	ND	Thiamethoxam	4.5	0.0181	0.0549	LC-MS/MS	ND
Kresoxim-methyl	1	0.0125	0.0379	LC-MS/MS	ND	Trifloxystrobin	30	0.0102	0.0310	LC-MS/MS	ND

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	0.088	0.264	HS-GC-MS	ND	n-Hexane	290	0.027	0.281	HS-GC-MS	ND
Acetone	5000	0.716	51.246	HS-GC-MS	ND	Isopropanol	5000	0.614	2.86	HS-GC-MS	ND
Acetonitrile	410	0.14	0.42	HS-GC-MS	ND	Methanol	3000	0.867	2.602	HS-GC-MS	ND
Benzene	1	0.017	0.052	HS-GC-MS	ND	Methylene chloride	1	0.08	0.729	HS-GC-MS	ND
Butane	5000	0.748	4.849	HS-GC-MS	ND	Pentane	5000	1.692	5.075	HS-GC-MS	ND
Chloroform	1	0.025	0.076	HS-GC-MS	ND	Propane	5000	3.236	9.709	HS-GC-MS	ND
Ethanol	5000	2.525	7.575	HS-GC-MS	ND	Toluene	890	0.067	0.864	HS-GC-MS	ND
Ethyl acetate	5000	0.175	2.288	HS-GC-MS	ND	Trichloroethylene	1	0.028	0.145	HS-GC-MS	ND
Ethylene oxide	1	0.179	0.579	HS-GC-MS	ND	o-Xylene	N/A				N/A
Ethyl ether	5000	0.389	2.869	HS-GC-MS	ND	p- and m-Xylene	N/A				N/A
Heptane	5000	0.496	2.859	HS-GC-MS	ND	Total xylenes	2170	0.326	2.572	HS-GC-MS	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	0.010	Lead	0.5	0.00100	0.00400	ICP-MS	0.009
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

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