

HIGH NORTH ID:
00617951
Date: 2025-01-23
Certificate: 1737655844



High North Inc.
241 Hanlan Rd, Unit 7
Woodbridge, ON, L4L 3R7
1-416-864-6119
LIC-P4PNJMAC20-2022

Client: Motif Labs Ltd.
516 John St N, Unit 7C,
Aylmer, ON, N5H 2B8

Name: Motif Labs LTD.
519-765-1249
nav@motiflabs.ca


Product: DBNK-0573
Lot: IPF101_Infused Preroll
Matrix: Flower
Sub-matrix: Infused Flower
Sampled: 2025-01-20
Received: 2025-01-20
Temperature on Receipt: 21.4°C

Certificate of Analysis

Cannabinoid Analysis	LOD (%)	LOQ (%)	wt%	mg/g
Total THC [(THCA x 0.877) + D9-THC]			38.0873	380.8739
Total CBD [(CBDA x 0.877) + CBD]			0.1251	1.2512
D9-THC	0.03	0.06	23.7794	237.7944
THCA-A	0.03	0.06	16.3146	163.1465
CBG	0.03	0.06	0.8875	8.8749
CBGA	0.03	0.06	0.5092	5.0921
CBC	0.03	0.06	0.3294	3.2939
CBN	0.03	0.06	0.2299	2.2987
THCVA	0.03	0.06	0.2037	2.0369
THCV	0.03	0.06	0.1728	1.7284
CBCA	0.03	0.06	0.1304	1.3036
CBD	0.03	0.06	0.1251	1.2512
CBDA	0.03	0.06	BLQ	BLQ
D8-THC	0.03	0.06	ND	ND
CBCVA	0.03	0.06	ND	ND
CBCV	0.03	0.06	ND	ND
CBDV	0.03	0.06	ND	ND
CBDVA	0.03	0.06	ND	ND
Total of all quantified cannabinoids:			42.6820	426.8206
Method: LAB-MTD-020 (ISO 17025:2017 Accredited)				

Terpene Analysis	LOD (%)	LOQ (%)	wt%
Trans-Caryophyllene	0.0011	0.005	1.6514
Farnesene*	0.0029	0.010	0.4467
Beta-Myrcene	0.0004	0.005	0.3819
Alpha-Humulene	0.0002	0.005	0.3322
Alpha-Bisabolol	0.0011	0.005	0.2359
Linalool	0.0006	0.005	0.2176
(R)-(+)-Limonene	0.0006	0.005	0.1950
Alpha-Terpineol	0.0007	0.005	0.1513

Abbreviations: wt% = percentage of weight, CFU = colony forming units, ppm = Parts per million, ppb = Parts per billion, ND = None Detected, BLQ = Below Limit of Quantification, LOQ = Limit of Quantification, LOD = Limit of Detection, RL = Reporting Limit, * = Mixture of Isomers

Authorized by: 
Ebai Achare
Quality Control and Release

ISO 17025:2017
Accredited Laboratory





Terpene Analysis	LOD (%)	LOQ (%)	wt%
Valencene	0.0006	0.005	0.1495
trans-Nerolidol	0.0005	0.005	0.1208
Geraniol	0.0005	0.005	0.0437
Beta-Pinene	0.0004	0.005	0.0374
Guaiol	0.0013	0.005	0.0361
Caryophyllene oxide	0.0009	0.005	0.0286
(R)-Endo-(+)-Fenchyl Alcohol	0.0005	0.005	0.0260
Alpha-Pinene	0.0002	0.005	0.0229
Terpinolene	0.0005	0.005	0.0184
Squalene	0.0015	0.005	0.0171
Camphor	0.0005	0.005	0.0170
(1S)-3-Carene	0.0009	0.005	0.0151
Geranyl acetate	0.0007	0.005	0.0108
Fenchone	0.0003	0.005	0.0095
Citral*	0.0015	0.005	0.0078
Ocimene	0.0017	0.005	0.0068
Borneol	0.0005	0.005	0.0063
Camphene	0.0009	0.005	0.0063
Pulegone	0.0006	0.005	0.0060
Terpinen-4-ol	0.0017	0.005	0.0059
Phytol*	0.0030	0.010	ND
Nootkatone	0.0009	0.005	ND
Farnesol*	0.0032	0.010	ND
Phytane	0.0006	0.005	ND
(+)-Cedrol	0.0004	0.005	ND
cis-Nerolidol	0.0012	0.005	ND
Eugenol	0.0010	0.005	ND
Alpha-Cedrene	0.0004	0.005	ND
Carvacrol	0.0005	0.005	ND
Thymol	0.0006	0.005	ND
d-Valerolactam (2-piperidone)	0.0015	0.005	ND
(-)-Piperitone	0.0012	0.005	ND
Isobornyl Acetate	0.0005	0.005	ND
Carvone	0.0006	0.005	ND
Verbenone	0.0006	0.005	ND
Safranal	0.0004	0.005	ND
Nerol	0.0007	0.005	ND
Citronellol	0.0008	0.005	ND
Octyl Acetate	0.0005	0.005	ND
Isoborneol	0.0005	0.005	ND
Menthol (Hexahydrothymol)	0.0013	0.005	ND
Menthone*	0.0015	0.005	ND
Isopulegol	0.0010	0.005	ND
Alpha-Thujone	0.0010	0.005	ND

Abbreviations: wt% = percentage of weight, CFU = colony forming units, ppm = Parts per million, ppb = Parts per billion, ND = None Detected, BLQ = Below Limit of Quantification, LOQ = Limit of Quantification, LOD = Limit of Detection, RL = Reporting Limit, * = Mixture of Isomers



Terpene Analysis	LOD (%)	LOQ (%)	wt%
Sabinene Hydrate	0.0006	0.005	ND
Gamma-Terpinene	0.0002	0.005	ND
Eucalyptol	0.0011	0.005	ND
Cymene*	0.0004	0.005	ND
Alpha-Terpinene	0.0004	0.005	ND
Alpha-Phellandrene	0.0010	0.005	ND
Sabinene	0.0003	0.005	ND
Total of all quantified terpenes:			4.204
Method: LAB-MTD-044 (ISO 17025:2017 Accredited)			

Mycotoxin Analysis	LOD (ppb)	LOQ (ppb)	RL (ppb)	Result (ppb)	Status
Aflatoxin-B1	0.4000	2	2	ND	PASS
Aflatoxin-B2	0.4000	2		ND	
Aflatoxin-G1	0.3000	2		ND	
Aflatoxin-G2	0.5000	2		ND	
Sum of Aflatoxins:			4	0	PASS
Method: LAB-MTD-046 (ISO 17025:2017 Accredited)					

Microbial Analysis	LOD (CFU/g)	RL (CFU/g)	Result (CFU/g)	Status
Total Aerobic Count	10	100,000	940	PASS
Total Yeast and Mold Count	100	10,000	< 100	PASS
Bile-Tolerant Gram-Negative	100	10,000	< 100	PASS
Salmonella			Absent in 10g	PASS
E.coli			Absent in 1g	PASS

Method: MIC-MTD-001 (ISO 17025:2017 Accredited), MIC-MTD-012 (ISO 17025:2017 Accredited)

Heavy Metals Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Arsenic	0.067	0.2	0.2	ND	PASS
Cadmium	0.008	0.05	0.3	BLQ	PASS
Lead	0.010	0.50	0.5	BLQ	PASS
Mercury	0.003	0.05	0.1	BLQ	PASS

Method: LAB-MTD-050 (ISO 17025:2017 Accredited)

Abbreviations: wt% = percentage of weight, CFU = colony forming units, ppm = Parts per million, ppb = Parts per billion, ND = None Detected, BLQ = Below Limit of Quantification, LOQ = Limit of Quantification, LOD = Limit of Detection, RL = Reporting Limit, * = Mixture of Isomers

Residual Solvents Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
1-Butanol	136.46	1000	5000	ND	PASS
1-Pentanol	102.40	1000	5000	ND	PASS
1-Propanol	199.71	1000	5000	ND	PASS
2-Butanol	48.38	1000	5000	ND	PASS
2-Methyl-1-propanol	153.28	1000	5000	ND	PASS
2-Propanol	142.60	1000	5000	ND	PASS
3-Methyl-1-butanol	64.03	1000	5000	ND	PASS
Acetone	81.47	1000	5000	ND	PASS
Anisole	54.77	1000	5000	ND	PASS
Butyl acetate	40.51	1000	5000	ND	PASS
Dimethyl sulfoxide	96.05	1000	5000	ND	PASS
Ethanol	179.88	1000	5000	BLQ	PASS
Ethyl acetate	89.17	1000	5000	ND	PASS
Ethyl ether	105.42	1000	5000	ND	PASS
Ethyl formate	194.93	1000	5000	ND	PASS
Heptane	109.56	1000	5000	ND	PASS
Isobutyl acetate	48.49	1000	5000	ND	PASS
Isopropyl acetate	118.80	1000	5000	ND	PASS
Methyl acetate	87.65	1000	5000	ND	PASS
Methylethyl ketone	97.35	1000	5000	ND	PASS
Pentane	102.77	1000	5000	ND	PASS
Propyl acetate	58.63	1000	5000	ND	PASS
Tert-Butylmethyl ether	115.57	1000	5000	ND	PASS
Triethylamine	22.07	1000	5000	ND	PASS

Method: LAB-MTD-036 (ISO 17025:2017 Accredited)

The SCC Accreditation Symbol is an official symbol of Standards Council of Canada, used under licence.

Information is accurate unless otherwise stated. The results of this report are reflective only to material and product analyzed as received. This report shall not be reproduced, without written approval from High North Laboratories. Test Results are confidential unless explicitly waived otherwise.

Abbreviations: wt% = percentage of weight, CFU = colony forming units, ppm = Parts per million, ppb = Parts per billion, ND = None Detected, BLQ = Below Limit of Quantification, LOQ = Limit of Quantification, LOD = Limit of Detection, RL = Reporting Limit, * = Mixture of Isomers