HIGH NORTH ID:
00834563
Date: 2025-12-03
Certificate: 1764782525

High North Inc.
241 Hanlan Rd, Unit 7
Woodbridge, ON, L4L 3R7
1-416-864-6122
LIC-P4PNJMAC20-2022

Product:	Bubblegum x Kush Mints
Lot:	250624BKM01
Matrix:	Flower
Sub-matrix:	Dried Flower
Sampled:	2025-11-24
Received:	2025-11-26
Temperature on Receipt:	22.0°C

Certificate of Analysis

Cannabinoid Analysis	LOD (%)	LOQ (%)	wt%	mg/g
Total THC [(THCA x 0.877) + D9-THC]			28.4043	284.0424
Total CBD [(CBDA x 0.877) + CBD]			0.0708	0.7079
THCA-A	0.03	0.06	32.0320	320.3195
CBGA	0.03	0.06	1.1172	11.1715
D9-THC	0.03	0.06	0.3122	3.1222
THCVA	0.03	0.06	0.2814	2.8139
CBCA	0.03	0.06	0.2506	2.5056
CBDA	0.03	0.06	0.0807	0.8072
CBG	0.03	0.06	BLQ	BLQ
CBC	0.03	0.06	ND	ND
D8-THC	0.03	0.06	ND	ND
CBCVA	0.03	0.06	ND	ND
CBN	0.03	0.06	ND	ND
CBCV	0.03	0.06	ND	ND
THCV	0.03	0.06	ND	ND
CBD	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:			34.0741	340.7399

Method: LAB-MTD-020 (ISO 17025:2017 Accredited)

Moisture Analysis	Result
Loss on Drying (Moisture Analyzer)	8.79%

Method: LAB-MTD-017 (ISO 17025:2017 Accredited)

Terpene Analysis	LOD (%)	LOQ (%)	wt%
(R)-(+)-Limonene	0.0006	0.005	0.7413
Trans-Caryophyllene	0.0011	0.005	0.3908

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:

Anh Kieu
Quality Control and Release

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Terpene Analysis	LOD (%)	LOQ (%)	wt%
Linalool	0.0006	0.005	0.2038
Alpha-Pinene	0.0002	0.005	0.1594
Farnesene*	0.0029	0.010	0.1415
Beta-Pinene	0.0004	0.005	0.1190
Beta-Myrcene	0.0004	0.005	0.0946
Alpha-Humulene	0.0002	0.005	0.0894
(R)-Endo-(+)-Fenchyl Alcohol	0.0005	0.005	0.0648
Alpha-Terpineol	0.0007	0.005	0.0621
Alpha-Bisabolol	0.0011	0.005	0.0419
trans-Nerolidol	0.0005	0.005	0.0406
Camphene	0.0009	0.005	0.0205
Ocimene	0.0017	0.005	0.0143
Terpinolene	0.0005	0.005	0.0082
Borneol	0.0005	0.005	0.0076
Caryophyllene oxide	0.0009	0.005	0.0070
Fenchone	0.0003	0.005	BLQ
Squalene	0.0015	0.005	ND
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
Guaiol	0.0013	0.005	ND
cis-Nerolidol	0.0012	0.005	ND
Valencene	0.0006	0.005	ND
Eugenol	0.0010	0.005	ND
Alpha-Cedrene	0.0004	0.005	ND
Geranyl acetate	0.0007	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
Pulegone	0.0006	0.005	ND
Verbenone	0.0006	0.005	ND
Citral*	0.0015	0.005	ND
Geraniol	0.0005	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
Terpinen-4-ol	0.0017	0.005	ND
Camphor	0.0005	0.005	ND

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Terpene Analysis	LOD (%)	LOQ (%)	wt%
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
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
(1S)-3-Carene	0.0009	0.005	ND
Sabinene	0.0003	0.005	ND
Total of all quantified terpenes:			2.207

Method: LAB-MTD-044 (ISO 17025:2017 Accredited)

Mycotoxin Analysis	LOD (ppb)	LOQ (ppb)	RL (ppb)	Result (ppb)	Status
Aflatoxin-B1	0.5000	2	2	ND	PASS
Aflatoxin-B2	0.5000	2		ND	
Aflatoxin-G1	0.3000	2		ND	
Aflatoxin-G2	0.6000	2		ND	
Sum of Aflatoxins:			4	0	PASS

Method: LAB-MTD-010 (ISO 17025:2017 Accredited)

Microbial Analysis	LOD (CFU/g)	RL (CFU/g)	Result (CFU/g)	Status
Total Yeast and Mold Count	100	50,000	< 100	PASS
Total Aerobic Count	10	500,000	11	PASS
Salmonella			Absent in 25g	PASS
E.coli			Absent in 1g	PASS
Bile-Tolerant Gram-Negative	100	10,000	< 100	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	0.015	0.20	0.2	ND	PASS
Cadmium	0.006	0.05	0.3	ND	PASS
Lead	0.017	0.45	0.5	BLQ	PASS
Mercury	0.010	0.04	0.1	ND	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

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