

HIGH NORTH ID:  
00773027  
Date: 2025-09-11  
Certificate: 1757615566



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

Client: HASHTEK

Product: Hop Hash  
Lot: HTHH01  
Matrix: Oil  
Sub-matrix: Hash  
Sampled: 2025-09-04  
Received: 2025-09-05  
Temperature on Receipt: 22.0°C

## Certificate of Analysis

<b>Cannabinoid Analysis</b>	LOD (%)	LOQ (%)	wt%	mg/g
Total THC [(THCA x 0.877) + D9-THC]			ND	ND
Total CBD [(CBDA x 0.877) + CBD]			ND	ND
CBCA	0.1	0.2	ND	ND
THCA-A	0.1	0.2	ND	ND
CBC	0.1	0.2	ND	ND
D8-THC	0.1	0.2	ND	ND
D9-THC	0.1	0.2	ND	ND
CBCVA	0.1	0.2	ND	ND
CBN	0.1	0.2	ND	ND
THCVA	0.1	0.2	ND	ND
CBCV	0.1	0.2	ND	ND
THCV	0.1	0.2	ND	ND
CBD	0.1	0.2	ND	ND
CBG	0.1	0.2	ND	ND
CBGA	0.1	0.2	ND	ND
CBDA	0.1	0.2	ND	ND
CBDV	0.1	0.2	ND	ND
CBDVA	0.1	0.2	ND	ND
<b>Total of all quantified cannabinoids:</b>			0	0
<b>Method:</b> LAB-MTD-020 (ISO 17025:2017 Accredited)				

<b>Terpene Analysis</b>	LOD (%)	LOQ (%)	wt%
Beta-Myrcene	0.0005	0.025	0.5772
Alpha-Humulene	0.0005	0.025	0.1056
Trans-Caryophyllene	0.0008	0.025	0.0623
Farnesol*	0.0016	0.050	BLQ
Farnesene*	0.0055	0.050	BLQ
Squalene	0.0029	0.050	ND
Phytol*	0.0018	0.050	ND
Nootkatone	0.0018	0.025	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

Authorized by:

  
Disha Mehta  
Quality Control and Release

ISO 17025:2017  
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Terpene Analysis	LOD (%)	LOQ (%)	wt%
Alpha-Bisabolol	0.0008	0.025	ND
Phytane	0.0009	0.025	ND
(+)-Cedrol	0.0006	0.025	ND
Caryophyllene oxide	0.0007	0.025	ND
Guaiol	0.0005	0.025	ND
trans-Nerolidol	0.0006	0.025	ND
cis-Nerolidol	0.0015	0.025	ND
Valencene	0.0005	0.025	ND
Eugenol	0.0023	0.025	ND
Alpha-Cedrene	0.0006	0.025	ND
Geranyl acetate	0.0009	0.025	ND
Carvacrol	0.0009	0.025	ND
Thymol	0.0012	0.025	ND
d-Valerolactam (2-piperidone)	0.0012	0.025	ND
(-)-Piperitone	0.0017	0.025	ND
Isobornyl Acetate	0.0018	0.025	ND
Carvone	0.0007	0.025	ND
Pulegone	0.0007	0.025	ND
Verbenone	0.0007	0.025	ND
Citral*	0.0021	0.025	ND
Geraniol	0.0007	0.025	ND
Safranal	0.0004	0.025	ND
Nerol	0.0010	0.025	ND
Citronellol	0.0008	0.025	ND
Alpha-Terpineol	0.0008	0.025	ND
Octyl Acetate	0.0009	0.025	ND
Borneol	0.0007	0.025	ND
Terpinen-4-ol	0.0010	0.025	ND
Camphor	0.0008	0.025	ND
Isborneol	0.0006	0.025	ND
Menthol (Hexahydrothymol)	0.0010	0.025	ND
Menthone*	0.0007	0.025	ND
Isopulegol	0.0007	0.025	ND
(R)-Endo-(+)-Fenchyl Alcohol	0.0010	0.025	ND
Alpha-Thujone	0.0005	0.025	ND
Fenchone	0.0008	0.025	ND
Linalool	0.0007	0.025	ND
Terpinolene	0.0008	0.025	ND
Sabinene Hydrate	0.0010	0.025	ND
Gamma-Terpinene	0.0007	0.025	ND
Eucalyptol	0.0006	0.025	ND
Cymene*	0.0006	0.025	ND
Ocimene	0.0005	0.025	ND
(R)-(+)-Limonene	0.0007	0.025	ND

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<b>Terpene Analysis</b>	LOD (%)	LOQ (%)	wt%
Alpha-Terpinene	0.0004	0.025	ND
Alpha-Phellandrene	0.0010	0.025	ND
(1S)-3-Carene	0.0009	0.025	ND
Beta-Pinene	0.0008	0.025	ND
Sabinene	0.0009	0.025	ND
Camphene	0.0017	0.025	ND
Alpha-Pinene	0.0007	0.025	ND

**Total of all quantified terpenes:** 0.745

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

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