

HIGH NORTH ID:  
00915525  
Date: 2026-03-25  
Certificate: 1774451904



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

Client: Blue Harbour Organics  
251 Simpson Ave,  
Bowmanville, ON, L1C 2J2

Product: Sour Sandia  
Lot: SSA0001-EX  
Matrix: Extracts  
Sub-matrix: Rosin  
Sampled: 2026-03-16  
Received: 2026-03-17  
Temperature on Receipt: 22.0°C

## Certificate of Analysis

### Cannabinoid Analysis Standard (16)

	LOD (%)	LOQ (%)	wt%	mg/g
Total THC [(THCA x 0.877) + D9-THC]			76.9971	769.9718
Total CBD [(CBDA x 0.877) + CBD]			0.2225	2.2250
THCA-A	0.1	0.2	87.0706	870.7065
CBGA	0.1	0.2	7.4063	74.0632
CBCA	0.1	0.2	0.8685	8.6846
THCVA	0.1	0.2	0.6499	6.4988
D9-THC	0.1	0.2	0.6362	6.3622
CBDA	0.1	0.2	0.2537	2.5371
CBG	0.1	0.2	0.2518	2.5176
CBC	0.1	0.2	ND	ND
D8-THC	0.1	0.2	ND	ND
CBCVA	0.1	0.2	ND	ND
CBN	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
CBDV	0.1	0.2	ND	ND
CBDVA	0.1	0.2	ND	ND
<b>Total of all quantified cannabinoids:</b>			97.1370	971.3700

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

### Terpene Analysis

	LOD (%)	LOQ (%)	wt%
(R)-(+)-Limonene	0.0007	0.025	2.6455
Linalool	0.0007	0.025	1.0395
Trans-Caryophyllene	0.0008	0.025	0.8443
Farnesene*	0.0055	0.050	0.4676
Beta-Myrcene	0.0005	0.025	0.4657
Beta-Pinene	0.0008	0.025	0.3038
Alpha-Pinene	0.0007	0.025	0.2082

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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Ryan Lee  
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Terpene Analysis	LOD (%)	LOQ (%)	wt%
Alpha-Humulene	0.0005	0.025	0.2059
(R)-Endo-(+)-Fenchyl Alcohol	0.0010	0.025	0.2016
Alpha-Terpineol	0.0008	0.025	0.1708
Alpha-Bisabolol	0.0008	0.025	0.1233
Farnesol*	0.0016	0.050	0.1119
trans-Nerolidol	0.0006	0.025	0.0994
Camphene	0.0017	0.025	0.0646
Fenchone	0.0008	0.025	0.0525
Geraniol	0.0007	0.025	0.0364
Terpinolene	0.0008	0.025	0.0310
Borneol	0.0007	0.025	0.0265
Caryophyllene oxide	0.0007	0.025	BLQ
Squalene	0.0029	0.050	ND
Phytol*	0.0018	0.050	ND
Nootkatone	0.0018	0.025	ND
Phytane	0.0009	0.025	ND
(+)-Cedrol	0.0006	0.025	ND
Guaiol	0.0005	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
Safranal	0.0004	0.025	ND
Nerol	0.0010	0.025	ND
Citronellol	0.0008	0.025	ND
Octyl Acetate	0.0009	0.025	ND
Terpinen-4-ol	0.0010	0.025	ND
Camphor	0.0008	0.025	ND
Isoborneol	0.0006	0.025	ND
Menthol (Hexahydrothymol)	0.0010	0.025	ND
Menthone*	0.0007	0.025	ND
Isopulegol	0.0007	0.025	ND
Alpha-Thujone	0.0005	0.025	ND
Sabinene Hydrate	0.0010	0.025	ND

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

**Total of all quantified terpenes:** 7.099

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

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HIGH NORTH ID:  
00915526  
Date: 2026-03-25  
Certificate: 1774451978



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

Client: Blue Harbour Organics  
251 Simpson Ave,  
Bowmanville, ON, L1C 2J2

Product: Sour Sandia  
Lot: SSA0001-EX  
Matrix: Extracts  
Sub-matrix: Rosin  
Sampled: 2026-03-16  
Received: 2026-03-17  
Temperature on Receipt: 22.0°C

## Certificate of Analysis

<b>Mycotoxin Analysis</b>	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:**

**Method:** LAB-MTD-046 (ISO 17025:2017 Accredited)

Ochratoxin-A	1.7000	20	20	ND	PASS
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**Method:** LAB-MTD-046 (ISO 17025:2017 Accredited)

<b>Microbial Analysis</b>	LOD (CFU/g)	RL (CFU/g)	Result (CFU/g)	Status
Total Yeast and Mold Count	10	20	< 10	PASS
Total Aerobic Count	10	200	< 10	PASS
S.aureus/P.aeruginosa			Absent in 1g	PASS
Bile-Tolerant Gram-Negative			Absent in 1g	PASS

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

<b>Heavy Metals Analysis</b>	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Arsenic	0.009	0.20	0.2	ND	PASS
Cadmium	0.004	0.05	0.3	BLQ	PASS
Lead	0.023	0.43	0.5	BLQ	PASS
Mercury	0.007	0.05	0.1	ND	PASS

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

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HIGH NORTH ID:  
00889335  
Date: 2026-02-20  
Certificate: 1771630970



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

Client: Blue Harbour Organics  
251 Simpson Ave,  
Bowmanville, ON, L1C 2J2

Product: Sour Sandia  
Lot: SS522001  
Matrix: Flower  
Sub-matrix: Fresh Flower  
Sampled: 2026-02-11  
Received: 2026-02-12  
Temperature on Receipt: 22.0°C

## Certificate of Analysis

HC Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Abamectin	0.0253	0.25	0.25	ND	PASS
Acephate	0.0096	0.05	0.05	ND	PASS
Acequinocyl	0.0141	0.05	0.05	ND	PASS
Acetamiprid	0.0159	0.05	0.05	ND	PASS
Aldicarb	0.1201	0.50	0.50	ND	PASS
Allethrin	0.0301	0.10	0.10	ND	PASS
Azadirachtin	0.1097	0.50	0.50	ND	PASS
Azoxystrobin	0.0027	0.01	0.01	ND	PASS
Benzovindiflupyr	0.0032	0.01	0.01	ND	PASS
Bifenazate	0.0108	0.05	0.05	ND	PASS
Bifenthrin	0.0125	0.10	0.10	ND	PASS
Boscalid	0.0031	0.01	0.01	ND	PASS
Buprofezin	0.0015	0.01	0.01	ND	PASS
Carbaryl	0.0017	0.025	0.025	ND	PASS
Carbofuran	0.0028	0.01	0.01	ND	PASS
Chlorantraniliprole	0.0031	0.01	0.01	ND	PASS
Chlorfenapyr	0.0300	0.10	0.10	ND	PASS
Chlorpyrifos	0.0024	0.01	0.01	ND	PASS
Clofentezine	0.0033	0.01	0.01	ND	PASS
Clothianidin	0.0069	0.025	0.025	ND	PASS
Coumaphos	0.0033	0.01	0.01	ND	PASS
Cyantraniliprole	0.0032	0.01	0.01	ND	PASS
Cyfluthrin	0.1408	1.00	1.00	ND	PASS
Cypermethrin	0.1358	1.00	1.00	ND	PASS
Cyprodinil	0.0299	0.25	0.25	ND	PASS
Daminozide	0.0039	0.05	0.05	ND	PASS
Deltamethrin	0.1497	1.00	1.00	ND	PASS
Diazinon	0.0027	0.01	0.01	ND	PASS
Dichlorvos	0.0166	0.05	0.05	ND	PASS
Dimethoate	0.0032	0.01	0.01	ND	PASS
Dimethomorph	0.0144	0.05	0.05	ND	PASS

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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HC Pesticides Analysis	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Dinotefuran	0.0144	0.05	0.05	ND	PASS
Dodemorph	0.0092	0.05	0.05	ND	PASS
Endosulfan-alpha	0.0324	0.10	0.10	ND	PASS
Endosulfan-beta	0.1524	0.50	0.50	ND	PASS
Endosulfan sulfate	0.0822	0.50	0.50	ND	PASS
Ethoprophos	0.0032	0.01	0.01	ND	PASS
Etofenprox	0.0015	0.01	0.01	ND	PASS
Etoxazole	0.0016	0.01	0.01	ND	PASS
Etridiazole	0.0030	0.01	0.01	ND	PASS
Fenoxycarb	0.0026	0.01	0.01	ND	PASS
Fenpyroximate	0.0025	0.02	0.02	ND	PASS
Fensulfothion	0.0026	0.01	0.01	ND	PASS
Fenthion	0.0024	0.01	0.01	ND	PASS
Fenvalerate	0.0190	0.10	0.10	ND	PASS
Fipronil	0.0032	0.01	0.01	ND	PASS
Flonicamid	0.0080	0.025	0.025	ND	PASS
Fludioxonil	0.0026	0.01	0.01	ND	PASS
Fluopyram	0.0030	0.01	0.01	ND	PASS
Hexythiazox	0.0022	0.01	0.01	ND	PASS
Imazalil	0.0029	0.01	0.01	ND	PASS
Imidacloprid	0.0029	0.01	0.01	ND	PASS
Iprodione	0.1662	0.50	0.50	ND	PASS
Kinoprene	0.0153	0.05	0.05	ND	PASS
Kresoxim-methyl	0.0033	0.01	0.01	ND	PASS
Malathion	0.0023	0.01	0.01	ND	PASS
Metalaxyl	0.0021	0.01	0.01	ND	PASS
Methiocarb	0.0022	0.01	0.01	ND	PASS
Methomyl	0.0089	0.05	0.05	ND	PASS
Methoprene	0.2025	1.00	1.00	ND	PASS
Mevinphos	0.0071	0.025	0.025	ND	PASS
MGK-264	0.0103	0.05	0.05	ND	PASS
Myclobutanil	0.0033	0.01	0.01	ND	PASS
Naled	0.0321	0.20	0.20	ND	PASS
Novaluron	0.0063	0.025	0.025	ND	PASS
Oxamyl	0.1661	1.50	1.50	ND	PASS
Paclobutrazol	0.0026	0.01	0.01	ND	PASS
Parathion-methyl	0.0087	0.03	0.03	ND	PASS
Permethrin	0.0545	0.50	0.50	ND	PASS
Phenothrin	0.0065	0.025	0.025	ND	PASS
Phosmet	0.0025	0.01	0.01	ND	PASS
Piperonyl butoxide	0.0131	0.25	0.25	ND	PASS
Pirimicarb	0.0012	0.01	0.01	ND	PASS
Prallethrin	0.0073	0.05	0.05	ND	PASS
Propiconazole	0.0032	0.01	0.01	ND	PASS

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<b>HC Pesticides Analysis</b>	LOD (ppm)	LOQ (ppm)	RL (ppm)	Result (ppm)	Status
Propoxur	0.0027	0.01	0.01	ND	PASS
Pyraclostrobin	0.0019	0.01	0.01	ND	PASS
Pyrethrins	0.0076	0.025	0.025	ND	PASS
Pyridaben	0.0017	0.025	0.025	ND	PASS
Quintozene	0.0029	0.01	0.01	ND	PASS
Resmethrin	0.0017	0.02	0.02	ND	PASS
Spinetoram	0.0008	0.01	0.01	ND	PASS
Spinosad	0.0026	0.01	0.01	ND	PASS
Spirodiclofen	0.0499	0.25	0.25	ND	PASS
Spiromesifen	0.0091	0.05	0.05	ND	PASS
Spirotetramat	0.0141	0.10	0.10	ND	PASS
Spiroxamine	0.0011	0.01	0.01	ND	PASS
Tebuconazole	0.0032	0.01	0.01	ND	PASS
Tebufenozide	0.0029	0.01	0.01	ND	PASS
Teflubenzuron	0.0049	0.025	0.025	ND	PASS
Tetrachlorvinphos	0.0027	0.01	0.01	ND	PASS
Tetramethrin	0.0075	0.05	0.05	ND	PASS
Thiacloprid	0.0022	0.01	0.01	ND	PASS
Thiamethoxam	0.0025	0.01	0.01	ND	PASS
Thiophanate-methyl	0.0037	0.03	0.03	ND	PASS
Trifloxystrobin	0.0009	0.01	0.01	ND	PASS

**Method:** LAB-MTD-048

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