



DEA No. RA0571996
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

R&D

SN INC
5933 NE WIN SIVERS DR
PORTLAND, OR 97220

Batch # 040722
Batch Date: 2022-04-07
Extracted From: Hemp

Test Reg State: Oregon

Order # SNI220407-080001
Order Date: 2022-04-07
Sample # AACR537

Sampling Date: 2022-04-12
Lab Batch Date: 2022-04-12
Completion Date: 2022-04-15

Initial Gross Weight: 102.161 g



Product Image

Potency Tested

Terpenes Tested

Heavy Metals Passed

Mycotoxins Passed

Pesticides Passed

Residual Solvents Passed

Potency 21 (LCUV)

Specimen Weight: 54.780 mg

Tested (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	1000.000	0.000054	0.0015	545.7000	54.5700
CBC	10.000	0.000018	0.0015	5.0990	5.0999
CBT	10.000	0.0002	0.0015	3.6390	3.6399
CBG	10.000	0.000248	0.0015	3.4130	3.4131
Delta-8 THC	10.000	0.000026	0.0015	3.3340	3.3334
CBN	10.000	0.000014	0.0015	3.2010	3.2011
CBDV	10.000	0.000065	0.0015	2.5770	2.5777
CBL	10.000	0.000035	0.0015	0.9680	0.9688
CBDVA	10.000	0.000014	0.0015		<LOQ
CBDA	10.000	0.00001	0.0015		<LOQ
THCA	10.000	0.000032	0.0015		<LOQ
THCVA	10.000	0.000047	0.0015		<LOQ
THCV	10.000	0.000007	0.0015		<LOQ
CBGA	10.000	0.000008	0.0015		<LOQ
Exo-THC	10.000	0.00023	0.0015		<LOQ
Delta-9 THC-O Acetate	10.000	0.000077	0.0003		<LOQ
CBCA	10.000	0.000107	0.0015		<LOQ
Delta-8 THCv	10.000	0.00004	0.0015		<LOQ
Delta-8 THC-O Acetate	10.000	0.000027	0.0003		<LOQ
CBNA	10.000	0.000095	0.0015		<LOQ
Delta-9 THC	10.000	0.000013	0.0015		<LOQ

Potency Summary

Total THC None Detected	Total CBD 54.570%
Total CBG 0.341%	Total CBN 0.320%
Other Cannabinoids 1.562%	Total Cannabinoids 56.793%

Terpenes Summary

Analyte	Result (mg/g)	(%)
(R)-(+)-Limonene	13.386	1.339%
trans-Caryophyllene	10.308	1.031%
beta-Myrcene	8.603	0.86%
Linalool	3.277	0.328%
beta-Pinene	2.347	0.235%
alpha-Bisabolol	2.135	0.214%
alpha-Pinene	1.824	0.182%
Fenchyl Alcohol	1.764	0.176%
Terpinolene	1.122	0.112%
Total Terpeneol	0.96	0.096%

Total Terpenes: 4.573%

Detailed Terpenes Analysis is on the following page

Xueli Gao
Ph.D., DABT
Lab Toxicologist

Aixia Sun
D.H.Sc., M.Sc., B.Sc., MT (AAB)
Lab Director/Principal Scientist



Definitions and Abbreviations used in this report: *Total CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), *Total THC = THCA-A * 0.877 + Delta 9 THC, *Total THCV = THCV + (THCVA * 0.87), *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Total CBC = CBC + (CBCA * 0.877), *Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, *Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, *Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, *Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, *Measurement of Uncertainty = +/- 10%



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Sample # AACR537

Sampling Date: 2022-04-12
Lab Batch Date: 2022-04-12
Completion Date: 2022-04-15

Initial Gross Weight: 102.161 g

Terpenes

Specimen Weight: 53.080 mg

Tested
(GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
(R)-(-)-Limonene	0.002	13.386	1.339	trans-Nerolidol	0.002	<LOQ	<LOQ
trans-Caryophyllene	0.002	10.308	1.031	Guaiol	0.002	<LOQ	<LOQ
beta-Myrcene	0.002	8.603	0.860	(+)-Cedrol	0.002	<LOQ	<LOQ
Linalool	0.002	3.277	0.328	Geraniol	0.002	<LOQ	<LOQ
beta-Pinene	0.002	2.347	0.235	Gamma-Terpinene	0.002	<LOQ	<LOQ
alpha-Bisabolol	0.002	2.135	0.214	Fenchone	0.002	<LOQ	<LOQ
alpha-Pinene	0.002	1.824	0.182	Farnesene	0.002	<LOQ	<LOQ
Fenchyl Alcohol	0.002	1.764	0.176	Eucalyptol	0.002	<LOQ	<LOQ
Terpinolene	0.002	1.122	0.112	cis-Nerolidol	0.002	<LOQ	<LOQ
Total Terpeneol	0.001	0.960	0.096	Caryophyllene oxide	0.002	<LOQ	<LOQ
Sabinene Hydrate	0.002	<LOQ	<LOQ	Camphors	0.006	<LOQ	<LOQ
Geranyl acetate	0.002	<LOQ	<LOQ	Camphene	0.002	<LOQ	<LOQ
Sabinene	0.002	<LOQ	<LOQ	Borneol	0.004	<LOQ	<LOQ
Pulegone	0.002	<LOQ	<LOQ	alpha-Terpinene	0.002	<LOQ	<LOQ
Ocimene	0.000	<LOQ	<LOQ	alpha-Phellandrene	0.002	<LOQ	<LOQ
Nerol	0.002	<LOQ	<LOQ	alpha-Humulene	0.002	<LOQ	<LOQ
Isopulegol	0.002	<LOQ	<LOQ	alpha-Cedrene	0.002	<LOQ	<LOQ
Isoborneol	0.002	<LOQ	<LOQ	3-Carene	0.002	<LOQ	<LOQ
Hexahydrothymol	0.002	<LOQ	<LOQ	Valencene	0.002	<LOQ	<LOQ

Total Terpenes: 4.573%

Mycotoxins

Specimen Weight: 252.500 mg

Passed
(LCMS)



Heavy Metals

Specimen Weight: 249.100 mg

Passed
(ICP-MS)

Dilution Factor: 5.941

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	6	20	<LOQ	Aflatoxin G2	6	20	<LOQ
Aflatoxin B2	6	20	<LOQ	Ochratoxin A	12	20	<LOQ
Aflatoxin G1	6	20	<LOQ				

Dilution Factor: 200

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	100	1500	<LOQ	Lead (Pb)	100	500	<LOQ
Cadmium (Cd)	100	500	<LOQ	Mercury (Hg)	100	3000	<LOQ

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Lab Toxicologist
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Initial Gross Weight: 102.161 g

Pesticides **Passed** (LCMS/GCMS) **Residual Solvents - FL (CBD)** **Passed** (GCMS)
Specimen Weight: 252.500 mg Specimen Weight: 158.900 mg

Dilution Factor: 5.941				Dilution Factor: 500.000			
Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	28.23	300	<LOQ	1,1-Dichloroethene	0.16	8	<LOQ
Acephate	30	3000	<LOQ	1,2-Dichloroethane	0.04	5	<LOQ
Acequinocyl	48	2000	<LOQ	Acetone	2.08	5000	<LOQ
Acetaminiprid	30	3000	<LOQ	Acetonitrile	1.17	410	<LOQ
Aldicarb	30	100	<LOQ	Benzene	0.02	2	<LOQ
Azoxystrobin	10	3000	<LOQ	Butanes	2.5	2000	<LOQ
Bifenazate	30	3000	<LOQ	Chloroform	0.04	60	<LOQ
Bifenthrin	30	500	<LOQ	Ethanol	2.78	5000	<LOQ
Carbaryl	10	500	<LOQ	Ethyl Acetate	1.11	5000	<LOQ
Chlorfenapyr	48	100	<LOQ	Ethyl Ether	1.39	5000	<LOQ
Chlorpyrifos	30	100	<LOQ	Ethylene Oxide	0.1	5	<LOQ
Clofentazine	30	500	<LOQ				
Coumaphos	30	100	<LOQ				
Cyfluthrin	30	1000	<LOQ				
Cypermethrin	30	1000	<LOQ				
Daminozide	30	100	<LOQ				
Diazinon	30	200	<LOQ				
Dichlorvos	30	100	<LOQ				
Dimethoate	30	100	<LOQ				
Dimethomorph	30	3000	<LOQ				
Ethoprophos	30	100	<LOQ				
Etofenprox	30	100	<LOQ				
Etoxazole	30	1500	<LOQ				
Fenhexamid	30	3000	<LOQ				
Fenoxycarb	30	100	<LOQ				
Fenpyroximate	30	2000	<LOQ				
Fipronil	30	100	<LOQ				
Fonicamid	30	2000	<LOQ				
Fludioxonil	30	3000	<LOQ				
Hexythiazox	30	2000	<LOQ				

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