



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

Certificate of Analysis

R&D

SN INC
5933 NE WIN SIVERS DR
#205
PORTLAND, OR 97220

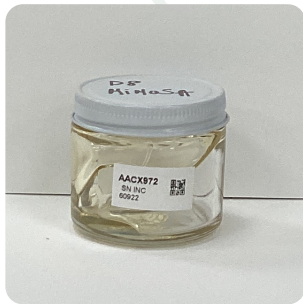
Batch # 060922
Batch Date: 2022-06-09
Extracted From: HEMP

Test Reg State: Oregon

Order # SNI220609-010001
Order Date: 2022-06-09
Sample # AACX972

Sampling Date: 2022-06-14
Lab Batch Date: 2022-06-14
Completion Date: 2022-06-21

Initial Gross Weight: 105.300 g



Product Image

Potency Tested	Terpenes Tested	Heavy Metals Passed	2,3-Butanedione Passed	Mycotoxins Passed
Pesticides Passed	Residual Solvents Passed	Listeria Monocytogenes Passed	Pathogenic Passed	Vitamin E Tested

Delta 8/Delta 10 Potency 12

Tested
SOP13.043 (LCUV)

Specimen Weight: 58.860 mg

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	2.60E-5	0.001	741.340	74.134
Delta-9 THC	1.30E-5	0.1	78.600	7.860
CBC	1.80E-5	0.001	<LOQ	
CBD	5.40E-5	0.001	<LOQ	
THCA	3.20E-5	0.001	<LOQ	
Delta-10 THC	3.00E-6	0.001	<LOQ	
CBN	1.40E-5	0.001	<LOQ	
CBGA	8.00E-5	0.001	<LOQ	
CBG	2.48E-4	0.001	<LOQ	
CBDV	6.50E-5	0.001	<LOQ	
CBDA	1.00E-5	0.001	<LOQ	
THCV	7.00E-6	0.001	<LOQ	

Potency Summary

Total Delta 8 74.134%	Total Delta 10 None Detected
Total THC 7.860%	Total CBD None Detected
Total CBG None Detected	Total CBN None Detected
Other Cannabinoids None Detected	Total Cannabinoids 81.994%

Terpenes Summary

Analyte	Result (mg/g)	(%)
beta-Myrcene	17.331	1.733%
Farnesene	9.29	0.929%
trans-Caryophyllene	8.782	0.878%
(R)-(+)-Limonene	8.717	0.872%
Ocimene	5.524	0.552%
Valencene	3.164	0.316%
alpha-Pinene	2.25	0.225%
alpha-Humulene	1.972	0.197%
alpha-Phellandrene	1.488	0.149%
beta-Pinene	1.259	0.126%

Total Terpenes: 5.977%

Detailed Terpenes Analysis is on the following page

Xueli Gao
Xueli Gao Lab Toxicologist
Ph.D., DABT

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



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Initial Gross Weight: 105.300 g

Terpenes
Specimen Weight: 48.600 mg

Tested
SOP13.023 (GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
beta-Myrcene	0.002	17.331	1.733	Total Terpeneol	0.001		<LOQ
Farnesene	0.002	9.290	0.929	trans-Nerolidol	0.002		<LOQ
trans-Caryophyllene	0.002	8.782	0.878	Hexahydrothymol	0.002		<LOQ
(R)-(+)-Limonene	0.002	8.717	0.872	(+)-Cedrol	0.002		<LOQ
Ocimene	0.000	5.524	0.552	Geranyl acetate	0.002		<LOQ
Valencene	0.002	3.164	0.316	Geraniol	0.002		<LOQ
alpha-Pinene	0.002	2.250	0.225	Gamma-Terpinene	0.002		<LOQ
alpha-Humulene	0.002	1.972	0.197	Fenchone	0.002		<LOQ
alpha-Phellandrene	0.002	1.488	0.149	Eucalyptol	0.002		<LOQ
beta-Pinene	0.002	1.259	0.126	cis-Nerolidol	0.002		<LOQ
Isoborneol	0.002	<LOQ	<LOQ	Caryophyllene oxide	0.002		<LOQ
Isopulegol	0.002	<LOQ	<LOQ	Camphors	0.006		<LOQ
Linalool	0.002	<LOQ	<LOQ	Camphene	0.002		<LOQ
Nerol	0.002	<LOQ	<LOQ	Borneol	0.004		<LOQ
Sabinene Hydrate	0.002	<LOQ	<LOQ	alpha-Terpinene	0.002		<LOQ
Pulegone	0.002	<LOQ	<LOQ	alpha-Cedrene	0.002		<LOQ
Sabinene	0.002	<LOQ	<LOQ	alpha-Bisabolol	0.002		<LOQ
Guaiol	0.002	<LOQ	<LOQ	3-Carene	0.002		<LOQ
Terpinolene	0.002	<LOQ	<LOQ	Fenchyl Alcohol	0.002		<LOQ

Total Terpenes: 5.977%

Mycotoxins
Specimen Weight: 265.300 mg

Passed
SOP13.007 (LCMS)

Heavy Metals
Specimen Weight: 246.000 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 5.654

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: 203

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

Xueli Gao
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Lab Toxicologist

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



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Initial Gross Weight: 105.300 g

Pesticides

Specimen Weight: 265.300 mg

Dilution Factor: 5.654

Analyte	LOQ (ppb)	Action Level (ppb)	Result	Analyte	LOQ (ppb)	Action Level (ppb)	Result
Abamectin	28.23	300	<LOQ	Imazalil	30	100	<LOQ
Acephate	30	3000	<LOQ	Imidacloprid	30	3000	<LOQ
Acequinocyl	48	2000	<LOQ	Kresoxim Methyl	30	1000	<LOQ
Acetamiprid	30	3000	<LOQ	Malathion	30	2000	<LOQ
Aldicarb	30	100	<LOQ	Metalaxyl	10	3000	<LOQ
Azoxystrobin	10	3000	<LOQ	Methiocarb	30	100	<LOQ
Bifenazate	30	3000	<LOQ	Methomyl	30	100	<LOQ
Bifenthrin	30	500	<LOQ	Mevinphos	30	100	<LOQ
Carbaryl	10	500	<LOQ	Myclobutanil	30	3000	<LOQ
Chlorfenapyr	48	100	<LOQ	Naled	30	500	<LOQ
Chlorpyrifos	30	100	<LOQ	Oxamyl	30	500	<LOQ
Clofentezine	30	500	<LOQ	Pacllobutrazol	30	100	<LOQ
Coumaphos	30	100	<LOQ	Parathion-methyl	48	100	<LOQ
Cyfluthrin	30	1000	<LOQ	Pentachloronitro benzene	30	200	<LOQ
Cypermethrin	30	1000	<LOQ	Permethrin	30	1000	<LOQ
Daminozide	30	100	<LOQ	Phosmet	30	200	<LOQ
Diazinon	30	200	<LOQ	Piperonylbutoxid e	30	3000	<LOQ
Dichlorvos	30	100	<LOQ	Prallethrin	30	400	<LOQ
Dimethoate	30	100	<LOQ	Propiconazole	30	1000	<LOQ
Dimethomorph	30	3000	<LOQ	Propoxur	30	100	<LOQ
Ethoprophos	30	100	<LOQ	Pyrethrins	30	1000	<LOQ
Etofenprox	30	100	<LOQ	Pyridaben	30	3000	<LOQ
Etoxazole	30	1500	<LOQ	Spinetoram	30	3000	<LOQ
Fenhexamid	30	3000	<LOQ	Spiromesifen	30	3000	<LOQ
Fenoxycarb	30	100	<LOQ	Spirotetramat	30	3000	<LOQ
Fenpyroximate	30	2000	<LOQ	Spiroxamine	30	100	<LOQ
Fipronil	30	100	<LOQ	Tebuconazole	30	1000	<LOQ
Fonicamid	30	2000	<LOQ	Thiacloprid	30	100	<LOQ
Fludioxonil	30	3000	<LOQ	Thiamethoxam	30	1000	<LOQ
Hexythiazox	30	2000	<LOQ	Trifloxystrobin	30	3000	<LOQ

Passed
SOP13.007
(LCMS/GCMS)

Residual Solvents - FL (CBD)

Specimen Weight: 231.800 mg

Dilution Factor: 500.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result	Analyte	LOQ (ppm)	Action Level (ppm)	Result
1,1-Dichloroethane	0.16	8	<LOQ	Heptane	1.39	5000	<LOQ
1,2-Dichloroethane	0.04	5	<LOQ	Hexane	1.17	290	<LOQ
Acetone	2.08	5000	<LOQ	Isopropyl alcohol	1.39	500	<LOQ
Acetonitrile	1.17	410	<LOQ	Methanol	0.69	3000	<LOQ
Benzene	0.02	2	<LOQ	Methylene chloride	2.43	600	<LOQ
Butanes	2.5	2000	<LOQ	Pentane	2.08	5000	<LOQ
Chloroform	0.04	60	<LOQ	Propane	5.83	2100	<LOQ
Ethanol	2.78	5000	<LOQ	Toluene	2.92	890	<LOQ
Ethyl Acetate	1.11	5000	<LOQ	Total Xylenes	2.92	2170	<LOQ
Ethyl Ether	1.39	5000	<LOQ	Trichloroethylene	0.49	80	<LOQ
Ethylene Oxide	0.1	5	<LOQ				

Passed
SOP13.039 (GCMS)

Pathogenic SAE (qPCR)

Specimen Weight: 273.940 mg

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	1	Absence in 1g	Salmonella	1	Absence in 1g
E. Coli	1	Absence in 1g			

Passed
SOP13.010 (qPCR)

2,3-butanedione(Diacetyl)

Specimen Weight: 231.800 mg

Dilution Factor: 50.000

Analyte	LOQ (ppm)	Result (ppm)
2,3-Butanedione	0.024	<LOQ

Passed
SOP13.039 (GCMS)

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Lab Toxicologist

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Lab Director/Principal Scientist



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Listeria Monocytogenes

Passed

Specimen Weight: 1026.700 mg

SOP13.010 (qPCR)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result
Listeria Monocytogenes	1	Absence in 1g



Vitamin E (Tocopheryl Acetate)

Tested

Specimen Weight: 265.300 mg

SOP13.007 (LC-MS)

Dilution Factor: 5.654

Analyte	Result (ppb)
Vitamin E Acetat e	<LOQ

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