



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

Certificate of Analysis

Compliance Test

SKYHIO
8500 E 116TH ST 443
FISHERS, IN 46038

Batch # 11JAN2023-SKYLRRG
Batch Date: 2023-01-11
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # SKY230116-130001
Order Date: 2023-01-16
Sample # AADZ342

Sampling Date: 2023-01-18
Lab Batch Date: 2023-01-18
Completion Date: 2023-01-23

Initial Gross Weight: 12.984 g



Product Image



**Potency
Tested**



**Terpenes
Tested**



**Heavy Metals
Passed**



**Mycotoxins
Passed**



**Pesticides
Passed**



**Residual Solvents
Passed**



**Pathogenic Microbiology
Passed**



**Listeria Monocytogenes
Passed**



Potency 10 + Potency 23 (LCUV)

Tested
SOP13.002 (LCUV)

Specimen Weight: 48.620 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-9 THC-O Acetate	1000.000	7.70E-5	0.003	743.5090	74.3509
Delta-8 THC-O Acetate	100.000	2.70E-5	0.003	176.8910	17.6891
CBC	10.000	1.80E-5	0.0015	47.9200	4.7920
CBD	10.000	5.40E-5	0.0015	25.2300	2.5230
Delta-8 THCV	10.000	4.00E-5	0.0015	8.2390	0.8239
CBN	10.000	1.40E-5	0.0015	2.4960	0.2496
Exo-THC	10.000	2.30E-4	0.0015	0.6920	0.0692
CBL	10.000	3.50E-5	0.0015	0.2590	0.0259
CBDA	10.000	1.00E-5	0.0015	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.0015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.0015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.0015	<LOQ	<LOQ
Delta-9 THC	10.000	1.30E-5	0.0015	<LOQ	<LOQ
THCA-A	10.000	3.20E-5	0.0015	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.0015	<LOQ	<LOQ
CBCA	10.000	1.07E-4	0.0015	<LOQ	<LOQ
CBDVA	10.000	1.40E-5	0.0015	<LOQ	<LOQ
CBNA	10.000	9.50E-5	0.0015	<LOQ	<LOQ
CBT	10.000	2.00E-4	0.0015	<LOQ	<LOQ
Delta-8 THC	10.000	2.60E-5	0.0015	<LOQ	<LOQ
THCVA	10.000	4.70E-5	0.0015	<LOQ	<LOQ



Potency Summary

Total Active THC None Detected	Total Active CBD 2.523%	2.523mg
Total CBG None Detected	Total CBN 0.250%	<LOQ
Other Cannabinoids 97.682%	Total Cannabinoids 100.524%	<LOQ

Summary Results determined from two distinct Potency Tests - Potency 10 + Potency 23 (LCUV)



Terpenes Summary

Analyte	Result (mg/g)	(%)
(R)-(+)-Limonene	11.203	1.12%
trans-Caryophyllene	8.059	0.806%
alpha-Humulene	3.062	0.306%
beta-Myrcene	2.705	0.27%
Linalool	2.437	0.244%
Borneol	1.341	0.134%
alpha-Pinene	1.162	0.116%
beta-Pinene	1.134	0.113%
Fenchyl Alcohol	0.691	0.069%
Ocimene	0.113	0.011%

Total Terpenes: 3.189%

Detailed Terpenes Analysis is on the following page

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



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Test Reg State: FloridaOrder # SKY230116-130001
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Sample # AADZ342Sampling Date: 2023-01-18
Lab Batch Date: 2023-01-18
Completion Date: 2023-01-23

Initial Gross Weight: 12.984 g



Pesticides FL V4

Specimen Weight: 254.300 mg

Passed

SOP13.007
(LCMS/GCMS)Pathogenic Microbiology
SAE (MicroArray)

Passed

SOP13.019
(Micro Array)

Dilution Factor: 5.900

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	300	<LOQ	Fludioxonil	1.7400E+0	48	3000	<LOQ
Acephate	2.3000E-2	30	3000	<LOQ	Hexythiazox	4.9000E-2	30	2000	<LOQ
Acequinocyl	9.5640E+0	48	2000	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acetamiprid	5.2000E-2	30	3000	<LOQ	Imidacloprid	9.4000E-2	30	3000	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Kresoxim Methyl	4.2000E-2	30	1000	<LOQ
Azoxystrobin	8.1000E-2	10	3000	<LOQ	Malathion	8.2000E-2	30	2000	<LOQ
Bifenazate	1.4150E+0	30	3000	<LOQ	Metaxyl	8.1000E-2	10	3000	<LOQ
Bifenthrin	4.3000E-2	30	500	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Boscalid	5.5000E-2	10	3000	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Captan	6.1200E+0	30	3000	<LOQ	methyl-Parathion	1.7100E+0	10	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Mevinphos	2.1500E+0	10	100	<LOQ
Carbofuran	3.4000E-2	10	100	<LOQ	Myclobutanil	1.0290E+0	30	3000	<LOQ
Chlorantraniliprole	3.3000E-2	10	3000	<LOQ	Naled	9.5000E-2	30	500	<LOQ
Chlordane	1.0000E+1	10	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Chlorfenapyr	3.4000E-2	30	100	<LOQ	Paclobutrazol	6.5000E-2	30	100	<LOQ
Chlomequat Chloride	1.0800E-1	10	3000	<LOQ	Pentachloronitrobenzene	1.3200E+0	10	200	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Permethrin	3.4300E-1	30	1000	<LOQ
Clofentezine	1.1900E-1	30	500	<LOQ	Phosmet	8.2000E-2	30	200	<LOQ
Coumaphos	3.7700E+0	48	100	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Prallethrin	7.9800E-1	30	400	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Propiconazole	7.0000E-2	30	1000	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Pyrethrins	2.3593E+1	30	1000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Pyridaben	3.2000E-2	30	3000	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Spinetoram	8.0000E-2	10	3000	<LOQ
Dimethomorph	5.8300E+0	48	3000	<LOQ	Spinosad	8.8000E-2	30	3000	<LOQ
Ethoprophos	3.6000E-1	30	100	<LOQ	Spiromesifen	2.6100E-1	30	3000	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Spirotetramat	8.9000E-2	30	3000	<LOQ
Etoxazole	9.5000E-2	30	1500	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fenhexamid	5.1000E-1	10	3000	<LOQ	Tebuconazole	6.7000E-2	30	1000	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fenpyroximate	1.3800E-1	30	2000	<LOQ	Thiamethoxam	5.0000E-2	30	1000	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Trifloxystrobin	3.7000E-2	30	3000	<LOQ
Fonicamid	5.1700E-1	30	2000	<LOQ					

Specimen Weight: 1030.240 mg

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus terreus	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g



Listeria Monocytogenes

Specimen Weight: 1008.040 mg

Passed

SOP13.032
(qPCR)

Dilution Factor: 1.000

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

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

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Lab Batch Date: 2023-01-18
Completion Date: 2023-01-23

Initial Gross Weight: 12.984 g



Terpenes

Specimen Weight: 81.550 mg

Tested

SOP13.045 (GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
(R)-(+)-Limonene	0.002	11.203	1.120	cis-Nerolidol	0.002	<LOQ	
trans-Caryophyllene	0.002	8.059	0.806	Eucalyptol	0.002	<LOQ	
alpha-Humulene	0.002	3.062	0.306	Farnesene	0.002	<LOQ	
beta-Myrcene	0.002	2.705	0.270	Fenchone	0.002	<LOQ	
Linalool	0.002	2.437	0.244	Gamma-Terpinene	0.002	<LOQ	
Borneol	0.004	1.341	0.134	Geraniol	0.002	<LOQ	
alpha-Pinene	0.002	1.162	0.116	Geranyl acetate	0.002	<LOQ	
beta-Pinene	0.002	1.134	0.113	Guaiol	0.002	<LOQ	
Fenchyl Alcohol	0.002	0.691	0.069	Hexahydrothymol	0.002	<LOQ	
Ocimene	0.00033	0.113	0.011	Isoborneol	0.002	<LOQ	
(+)-Cedrol	0.002	<LOQ		Isopulegol	0.002	<LOQ	
3-Carene	0.002	<LOQ		Nerol	0.002	<LOQ	
alpha-Bisabolol	0.002	<LOQ		Pulegone	0.002	<LOQ	
alpha-Cedrene	0.002	<LOQ		Sabinene	0.002	<LOQ	
alpha-Phellandrene	0.002	<LOQ		Sabinene Hydrate	0.002	<LOQ	
alpha-Terpinene	0.002	<LOQ		Terpinolene	0.002	<LOQ	
Camphene	0.002	<LOQ		Total Terpeneol	0.00126	<LOQ	
Camphors	0.006	<LOQ		trans-Nerolidol	0.002	<LOQ	
Caryophyllene oxide	0.002	<LOQ		Valencene	0.002	<LOQ	

Total Terpenes: 3.189%



Residual Solvents - FL (CBD)

Specimen Weight: 13.900 mg

Passed

SOP13.039 (GCMS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Benzene	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	5000	<LOQ	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					

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

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Initial Gross Weight: 12.984 g



Mycotoxins

Specimen Weight: 254.300 mg

Passed

SOP13.007 (LCMS)

Dilution Factor: 5.900

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6	20	<LOQ	Aflatoxin G2	2.7100E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ	Ochratoxin A	7.5400E-1	12	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ					



Heavy Metals

Specimen Weight: 249.730 mg

Passed

SOP13.048 (ICP-MS)

Dilution Factor: 200

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.83	100	1500	<LOQ	Lead (Pb)	11.76	100	500	<LOQ
Cadmium (Cd)	.64	100	500	<LOQ	Mercury (Hg)	.58	100	3000	<LOQ

Aixia Sun

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



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