



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

Certificate of Analysis

Compliance Test

CLOUD CO. FARMS
PO BOX 681
ALAMOSA, CO 81101

Batch # CF-036001-030922
Batch Date: 2022-03-09
Extracted From: CCF-02092022-D96

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # CLO220309-010001
Order Date: 2022-03-09
Sample # AAC0335

Sampling Date: 2022-03-21
Lab Batch Date: 2022-03-21
Completion Date: 2022-04-06

Initial Gross Weight: 157.800 g
Net Weight: 55.400 g

Number of Units: 2
Net Weight per Unit: 27700.000 mg



Product Image

Potency
Tested

Heavy Metals
Passed

Mycotoxins
Passed

Pesticides
Passed

Residual Solvents
Passed

Residual Solvents
Passed

Moisture
Tested

Water Activity
Tested

Listeria Monocytogenes
Passed

Pathogenic
Passed

Microbiology Petrifilm
Passed

Potency - 11

Specimen Weight: 81.660 mg

Tested
(LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	1000.000	0.000054	0.001	21.490	2.149
Delta-9 THC	1000.000	0.000013	0.001	0.680	0.068
CBG	1000.000	0.000248	0.001	0.530	0.053
CBDV	1000.000	0.000065	0.001	0.450	0.045
CBC	1000.000	0.000018	0.001	0.440	0.044
THCV	1000.000	0.000007	0.001	<LOQ	
Delta-8 THC	1000.000	0.000026	0.001	<LOQ	
CBN	1000.000	0.000014	0.001	<LOQ	
CBGA	1000.000	0.000008	0.001	<LOQ	
CBDA	1000.000	0.000001	0.001	<LOQ	
THCA-A	1000.000	0.000032	0.001	<LOQ	

Potency Summary

Total THC 0.068% 18.840mg	Total CBD 2.149% 595.270mg
Total CBG 0.053% 14.680mg	Total CBN None Detected
Other Cannabinoids 0.089% 24.650mg	Total Cannabinoids 2.359% 653.440mg

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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Pesticides FL (MGK)

Specimen Weight: 156.100 mg

Passed
(LCMS/GCMS)



Residual Solvents UT - BHB

Specimen Weight: 104.000 mg

Passed
(GCMS)

Dilution Factor: 9.609

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	28.23	300	<LOQ	Fludioxonil	48	3000	<LOQ
Acephate	30	3000	<LOQ	Hexythiazox	30	2000	<LOQ
Acequinocyl	48	2000	<LOQ	Imazalil	30	100	<LOQ
Acetaminiprid	30	3000	<LOQ	Imidacloprid	30	3000	<LOQ
Aldicarb	30	100	<LOQ	Kresoxim Methyl	30	1000	<LOQ
Azoxystrobin	10	3000	<LOQ	Malathion	30	2000	<LOQ
Bifenazate	30	3000	<LOQ	Metaxyl	10	3000	<LOQ
Bifenthrin	30	500	<LOQ	Methiocarb	30	100	<LOQ
Boscalid	10	3000	<LOQ	Methomyl	30	100	<LOQ
Captan	30	3000	<LOQ	Mevinphos	10	100	<LOQ
Carbaryl	10	500	<LOQ	MGK	30	200	<LOQ
Carbofuran	10	100	<LOQ	Myclobutanil	30	3000	<LOQ
Chlorantranilprole	10	3000	<LOQ	Naled	30	500	<LOQ
Chlordane	10	100	<LOQ	Oxamyl	30	500	<LOQ
Chlorfenapyr	30	100	<LOQ	Pacllobutrazol	30	100	<LOQ
Chloromequat Chloride	10	3000	<LOQ	Parathion-methyl	10	100	<LOQ
Chlorpyrifos	30	100	<LOQ	Pentachloronitrobenzene	10	200	<LOQ
Clofentazine	30	500	<LOQ	Permethrin	30	1000	<LOQ
Coumaphos	48	100	<LOQ	Phosmet	30	200	<LOQ
Cyfluthrin	30	1000	<LOQ	Piperonylbutoxide	30	3000	<LOQ
Cypermethrin	30	1000	<LOQ	Prallethrin	30	400	<LOQ
Daminozide	30	100	<LOQ	Propiconazole	30	1000	<LOQ
Diazinon	30	200	<LOQ	Propoxur	30	100	<LOQ
Dichlorvos	30	100	<LOQ	Pyrethrins	30	1000	<LOQ
Dimethoate	30	100	<LOQ	Pyridaben	30	3000	<LOQ
Dimethomorph	48	3000	<LOQ	Spinetoram	10	3000	<LOQ
Ethoprophos	30	100	<LOQ	Spinosad	30	3000	<LOQ
Etofenprox	30	100	<LOQ	Spiromesifen	30	3000	<LOQ
Ettoxazole	30	1500	<LOQ	Spirotetramat	30	3000	<LOQ
Fenhexamid	10	3000	<LOQ	Spiroxamine	30	100	<LOQ
Fenoxycarb	30	100	<LOQ	Tebuconazole	30	1000	<LOQ
Fenpyroximate	30	2000	<LOQ	Thiacloprid	30	100	<LOQ
Fipronil	30	100	<LOQ	Thiamethoxam	30	1000	<LOQ
Flonicamid	30	2000	<LOQ	Trifloxystrobin	30	3000	<LOQ

Dilution Factor: 50.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,2-Dimethoxyethane	6.4	100	<LOQ	Ethanol	16	5000	<LOQ
1,4-Dioxane	8	380	<LOQ	Ethyl Acetate	6.4	5000	<LOQ
1-Butanol	6.4	5000	<LOQ	Ethyl Ether	8	5000	<LOQ
1-Pentanol	0.32	5000	<LOQ	Ethylbenzene	6.4	1000	<LOQ
1-Propanol	8	5000	<LOQ	Ethylene glycol	6.4	620	<LOQ
2,2-dimethylbutane	12	290	<LOQ	Ethylene Oxide	0.32	50	<LOQ
2,3-dimethylbutane	26.668	290	<LOQ	Heptane	8	5000	<LOQ
2-Butanol	8	5000	<LOQ	Isopropyl acetate	8	5000	<LOQ
2-Ethoxyethanol	4	160	<LOQ	Methanol	4	3000	<LOQ
2-methylbutane	2	5000	<LOQ	Methylpropane	2	5000	<LOQ
2-Methylpentane	6.4	290	<LOQ	N,N-dimethylacetamide	6.4	1090	<LOQ
2-Propanol (IPA)	6.4	5000	<LOQ	N,N-dimethylformamide	0.132	880	<LOQ
3-Methylpentane	2.4	290	<LOQ	n-Hexane	0.8	290	<LOQ
Acetone	12	5000	<LOQ	Pentane	12	5000	<LOQ
Acetonitrile	0.96	410	<LOQ	Propane	26.668	5000	<LOQ
Benzene	0.016	2	<LOQ	Pyridine	6.4	100	<LOQ
Butane	13.32	5000	<LOQ	Sulfolane	6.4	160	<LOQ
Cumene	0.032	70	<LOQ	Tetrahydrofuran	6.4	720	<LOQ
Cyclohexane	0.032	3880	<LOQ	Toluene	2.4	890	<LOQ
Dichloromethane	0.8	600	<LOQ	Total Xylenes	7.2	1000	<LOQ
Dimethyl sulfoxide	6.4	5000	<LOQ				



Residual Solvents - FL

Specimen Weight: 134.900 mg

Passed
(GCMS)

Dilution Factor: 50.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.132	8	<LOQ	Heptane	8	500	<LOQ
1,2-Dichloroethane	0.032	2	<LOQ	Isopropyl alcohol	8	500	<LOQ
Acetonitrile	0.96	60	<LOQ	Methylene chloride	2	125	<LOQ
Butanes	13.32	2000	<LOQ	Propane	26.668	2100	<LOQ
Ethyl Acetate	6.4	400	<LOQ	Total Xylenes	7.2	150	<LOQ
Ethyl Ether	8	500	<LOQ	Trichloroethylene	0.4	25	<LOQ
Ethylene Oxide	0.32	5	<LOQ				

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Heavy Metals

Specimen Weight: 250.100 mg

Dilution Factor: 2

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

Passed
(ICP-MS)



Moisture

Net Weight: 55.400 g

Tested
(Moisture Meter)

Dilution Factor: 1.000

Analyte	Action Level (%)	Result (%)
Moisture	15	1.390

Mycotoxins - CO

Specimen Weight: 156.100 mg

Dilution Factor: 9.609

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	2.5	5	<LOQ	Ochratoxin A	3.5	5	<LOQ
Aflatoxin Total	2.5	20	<LOQ				

Passed
(LCMS)



Water Activity

Specimen Weight: 0.500 g

Tested
(Water Activity Analyzer)

Dilution Factor: 1.000

Analyte	Action Level (aw)	Result (aw)
Water Activity	0.85	0.254

Pathogenic SAE (qPCR) - CO

Specimen Weight: 25.009 g

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	STEC	25	Absence in 25g
Salmonella	25	Absence in 25g			

Passed
(qPCR)



Listeria Monocytogenes

Specimen Weight: 980.820 mg

Passed
(qPCR)

Dilution Factor: 1.000

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

Microbiology (Petrifilm/Plating) - CO

Specimen Weight: 993.400 mg

Dilution Factor: 1.000

Analyte	LOQ (cfu/g)	Result (cfu/g)	Analyte	LOQ (cfu/g)	Result (cfu/g)
Aerobic Bacteria	100	<10	Yeast/Mold	100	<10
Total Coliform	100	<10			

Passed
(Petrifilm)

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