



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-047504-021022
Batch Date: 2022-02-10
Extracted From: CCF-01252022-D92

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # CLO220304-010001
Order Date: 2022-03-04
Sample # AACN872

Sampling Date: 2022-03-07
Lab Batch Date: 2022-03-07
Completion Date: 2022-03-14

Initial Gross Weight: 133.600 g
Net Weight: 103.974 g

Number of Units: 1
Net Weight per Unit: 115033.293 mg



Product Image

Potency
Tested

Heavy Metals
Passed

Mycotoxins
Passed

Pesticides
Passed

Residual Solvents
Passed

Residual Solvents
Passed

Listeria Monocytogenes
Passed

Pathogenic
Passed

Microbiology Petrifilm
Passed



Potency - 11

Specimen Weight: 90.190 mg

Tested
(LCU)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	1000.000	0.000054	0.001	6.080	0.608
CBN	1000.000	0.000014	0.001	0.240	0.024
Delta-9 THC	1000.000	0.000013	0.001	0.230	0.023
CBC	1000.000	0.000018	0.001	0.160	0.016
THCV	1000.000	0.000007	0.001	<LOQ	
Delta-8 THC	1000.000	0.000026	0.001	<LOQ	
CBGA	1000.000	0.000008	0.001	<LOQ	
CBG	1000.000	0.000248	0.001	<LOQ	
CBDV	1000.000	0.000065	0.001	<LOQ	
CBDA	1000.000	0.000001	0.001	<LOQ	
THCA-A	1000.000	0.000032	0.001	<LOQ	



Potency Summary

Total THC 0.023% 26.460mg	Total CBD 0.608% 699.400mg
Total CBG None Detected	Total CBN 0.024% 27.610mg
Other Cannabinoids 0.016% 18.410mg	Total Cannabinoids 0.671% 771.870mg

Xueli Gao
Ph.D., DABT
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: 187.210 mg

Passed
(LCMS/GCMS)



Residual Solvents UT - BHB

Specimen Weight: 105.900 mg

Passed
(GCMS)

Dilution Factor: 8.012

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
Acetamiprid	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
Etoxazole	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: 139.100 mg

Passed
(GCMS)

Dilution Factor: 5000.000

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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Lab Toxicologist

Aixia Sun
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Lab Director/Principal Scientist



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Initial Gross Weight: 133.600 g
Net Weight: 103.974 g

Number of Units: 1
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Heavy Metals

Specimen Weight: 249.300 mg

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

Passed
(ICP-MS)

Listeria Monocytogenes

Specimen Weight: 973.500 mg

Dilution Factor: 1.000

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

Passed
(qPCR)

Mycotoxins - CO

Specimen Weight: 187.210 mg

Dilution Factor: 8.012

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)

Pathogenic SAE (qPCR) - CO

Specimen Weight: 25106.000 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	STEC	25	Absence in 25g
Salmonella	25	Absence in 25g			

Passed
(qPCR)

Microbiology (Petrifilm/Plating) - CO

Specimen Weight: 991.810 mg

Dilution Factor: 1.000

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

Passed
(Petrifilm)

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