

CERTIFICATE OF ANALYSIS



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SAMPLE NAME: CKB22

SAMPLE CODE: DTS-240325-035

CLIENT: FAIR STATE BREWING

BATCH RESULT: PASS



MATRIX NAME: Beverage
SAMPLE TYPE: Compliance
RECEIVED DATE: Mon, Mar 25, 2024
PUBLISHED DATE: Thu, Mar 28, 2024
BATCH CODE: N/A
BATCH SIZE: 0
SAMPLE SIZE: 2U
AVERAGE UNIT WEIGHT: 356.95g (1 can)

TOTAL CANNABINOIDS 28.68 mg/ serv

TOTAL THC 9.53 mg/ serv

TOTAL CBD 18.82 mg/ serv

POT ✓
Cannabinoids
Potency

PGC ✓
Chemical Residue
MI Cannabis

PLC ✓
Chemical Residue
MI Cannabis

AFLA ✓
Aflatoxins
USP <561>

HVMET ✓
Heavy Metals
4

RESULTS REVIEWED BY: Leslie Varela
Laboratory Director
Cambium Analytica
Thursday, Mar 28, 2024

RESULTS CERTIFIED BY: Douglas Smith
VP - Scientific Operations
Cambium Analytica
Thursday, Mar 28, 2024

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LAB-TM-025 - DETERMINATION OF POTENCY OF CANNABIS AND CANNABIS INFUSED PRODUCTS ACN
 POT-DTS-240325-035-01 - MON, MAR 25, 2024


ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Total Cannabinoids	0.0080 %	0.0804 mg/g	28.68 mg	28.68 mg	N/A			N/A
CBD	0.0053 %	0.0527 mg/g	18.82 mg	18.82 mg	N/A	0.6432 ug/g	5.401 ug/g	N/A
Total CBD	0.0053 %	0.0527 mg/g	18.82 mg	18.82 mg	N/A			N/A
Delta-9 THC	0.0027 %	0.0267 mg/g	9.53 mg	9.53 mg	N/A	0.4945 ug/g	1.516 ug/g	N/A
Total THC	0.0027 %	0.0267 mg/g	9.53 mg	9.53 mg	N/A			N/A
Delta-9 THCV	0.0001 %	0.0007 mg/g	0.26 mg	0.26 mg	N/A	0.269941 ug/g	0.403267 ug/g	N/A
Total THCV	0.0001 %	0.0007 mg/g	0.26 mg	0.26 mg	N/A			N/A
CBDV	0.0000 %	0.0002 mg/g	0.07 mg	0.07 mg	N/A	0.0919 ug/g	0.4418 ug/g	N/A
CBC	ND	ND	ND	ND	N/A	0.4372 ug/g	4.843 ug/g	N/A
CBDA	ND	ND	ND	ND	N/A	0.0886 ug/g	0.2949 ug/g	N/A
CBG	ND	ND	ND	ND	N/A	0.2073 ug/g	0.8539 ug/g	N/A
CBGA	ND	ND	ND	ND	N/A	0.4596 ug/g	4.8149 ug/g	N/A
CBN	ND	ND	ND	ND	N/A	0.3561 ug/g	4.3163 ug/g	N/A
Delta-8 THC	ND	ND	ND	ND	N/A	0.4043 ug/g	4.5669 ug/g	N/A
Delta-8 THCV	ND	ND	ND	ND	N/A	0.050425 ug/g	0.339339 ug/g	N/A
THCA	ND	ND	ND	ND	N/A	0.4497 ug/g	4.9472 ug/g	N/A

LAB-TM-003 - DETERMINATION OF CHEMICAL RESIDUE OF CANNABIS AND CANNABIS INFUSED PRODUCTS BY GC
 PGC-DTS-240325-035-01 - MON, MAR 25, 2024


ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Chlorfenapyr	ND	N/A	6.110 ug/kg	20.400 ug/kg	N/A
Methyl Parathion	ND	N/A	3.120 ug/kg	10.500 ug/kg	N/A



LAB-TM-002 - DETERMINATION OF CHEMICAL RESIDUE OF CANNABIS AND CANNABIS INFUSED PRODUCTS BY LC-TQ
 PLC-DTS-240325-035-01 - MON, MAR 25, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Abamectin	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Acephate	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Acequinocyl	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Acetamiprid	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Aldicarb	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Azoxystrobin	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Bifenazate	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Bifenthrin	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Boscalid	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Carbaryl	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Carbofuran	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Chlorantraniliprole	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Chlorpyrifos	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Clofentezine	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Cyfluthrin	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Cypermethrin	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Daminozide	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Diazinon	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Dichlorvos	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Dimethoate	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Ethoprophos	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Etofenprox	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Etoxazole	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Fenoxycarb	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Fenpyroximate	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Fipronil	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Fonicamid	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Fludioxonil	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Hexythiazox	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Imazalil	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Imidacloprid	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Kresoxim Methyl	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Malathion	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Metalaxyl	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Methiocarb	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Methomyl	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
MGK-264	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Myclobutanil	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Naled	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Oxamyl	ND	N/A	0.05 ug/g	0.10 ug/g	N/A



LAB-TM-002 - DETERMINATION OF CHEMICAL RESIDUE OF CANNABIS AND CANNABIS INFUSED PRODUCTS BY LC-TQ
 PLC-DTS-240325-035-01 - MON, MAR 25, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Paclobotrazol	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Permethrins (Sum of Cis- and Trans-Permethrin)	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Phosmet	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Prallethrin	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Propiconazole	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Propoxur	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Pyrethrins (Sum of Cinerin 1, Jasmolin 1, and Pyrethrin 1)	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Pyrethrins Cinerin 1	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Pyrethrins Jasmolin 1	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Pyrethrins Pyrethrin 1	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Pyridaben	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Spinosad	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Spinosad A	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Spinosad D	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Spiromesifen	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Spirotetramat	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Spiroxamine	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Tebuconazole	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Thiacloprid	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Thiamethoxam	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Trifloxystrobin	ND	N/A	0.05 ug/g	0.10 ug/g	N/A



LAB-TM-043 - USP 561 AFLATOXINS ANALYSIS IN ARTICLES OF BOTANICAL ORIGIN BY LC-TQ
 AFLA-DTS-240325-035-01 - MON, MAR 25, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Aflatoxin B1	ND	N/A	0.0052 ug/g	0.0283 ug/g	N/A
Aflatoxin B2	ND	N/A	0.001 ug/g	0.006 ug/g	N/A
Aflatoxin G1	ND	N/A	0.001 ug/g	0.006 ug/g	N/A
Aflatoxin G2	ND	N/A	0.002 ug/g	0.012 ug/g	N/A
Ochratoxin A	ND	N/A	0.004 ug/g	0.019 ug/g	N/A
Aflatoxins (Sum of B1, B2, G1, and G2)	ND	N/A			N/A

LAB-TM-044 - DETERMINATION OF HEAVY METALS BY ICP-MS
 HVMET-DTS-240325-035-01 - MON, MAR 25, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	0.041 ug/g	N/A	0.2817 ug/kg	0.2817 ug/kg	N/A
Cadmium	ND	N/A	0.6272 ug/kg	2.0907 ug/kg	N/A
Lead	0.002 ug/g	N/A	0.1546 ug/kg	0.5152 ug/kg	N/A
Mercury	ND	N/A	0.0817 ug/kg	0.2724 ug/kg	N/A

