

CERTIFICATE OF ANALYSIS



SAMPLE NAME: CLIMBING KITES MIXED BERRY CKB25

SAMPLE CODE: HEM-240412-001

CLIENT: FAIR STATE BREWING

BATCH RESULT: PASS

1230 Woodmere Ave
Traverse City, MI 49686
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MATRIX NAME: Beverage
SAMPLE TYPE: Compliance
RECEIVED DATE: Mon, Apr 15, 2024
PUBLISHED DATE: Wed, Apr 17, 2024
BATCH CODE: CKB25
BATCH SIZE: 0
SAMPLE SIZE: 1U
AVERAGE UNIT WEIGHT: 357.07g (1 can)

TOTAL CANNABINOIDS 27.54 mg/ serv

TOTAL THC 9.34 mg/ serv

TOTAL CBD 18.20 mg/ serv

POT ✓
Cannabinoids
Potency

PGC ✓
Chemical Residue
MI Cannabis

PLC ✓
Chemical Residue
MI Cannabis

AFLA ✓
Aflatoxins
USP <561>

HPMET ✓
Heavy Metals
7

RESULTS REVIEWED BY: Leslie Varela
Laboratory Director
Cambium Analytica
Wednesday, Apr 17, 2024

RESULTS CERTIFIED BY: Douglas Smith
VP - Scientific Operations
Cambium Analytica
Wednesday, Apr 17, 2024

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LAB-TM-025 - DETERMINATION OF POTENCY OF CANNABIS AND CANNABIS INFUSED PRODUCTS ACN
 POT-HEM-240412-001-04 - TUE, APR 16, 2024



ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Total Cannabinoids	0.0077 %	0.0771 mg/g	27.54 mg	27.54 mg	N/A	N/A	N/A	N/A
CBD	0.0051 %	0.0510 mg/g	18.20 mg	18.20 mg	N/A	0.6432 ug/g	5.401 ug/g	N/A
Total CBD	0.0051 %	0.0510 mg/g	18.20 mg	18.20 mg	N/A	N/A	N/A	N/A
Total THC	0.0026 %	0.0262 mg/g	9.34 mg	9.34 mg	N/A	N/A	N/A	N/A
Delta-9 THC	0.0025 %	0.0253 mg/g	9.02 mg	9.02 mg	N/A	0.4945 ug/g	1.516 ug/g	N/A
Delta-8 THC	0.0001 %	0.0009 mg/g	0.31 mg	0.31 mg	N/A	0.4043 ug/g	4.5669 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
CBDV	ND	ND	ND	ND	N/A	0.0919 ug/g	0.4418 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 THCV	ND	ND	ND	ND	N/A	0.0504 ug/g	0.3393 ug/g	N/A
Delta-9 THCV	ND	ND	ND	ND	N/A	0.2699 ug/g	0.4033 ug/g	N/A
THCA	ND	ND	ND	ND	N/A	0.4497 ug/g	4.9472 ug/g	N/A
Total THCV	0 %	0 mg/g	0 mg	0 mg	N/A	N/A	N/A	N/A

LAB-TM-003 - DETERMINATION OF CHEMICAL RESIDUE OF CANNABIS AND CANNABIS INFUSED PRODUCTS BY GC
 PGC-HEM-240412-001-01 - FRI, APR 12, 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-HEM-240412-001-01 - FRI, APR 12, 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-HEM-240412-001-01 - FRI, APR 12, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Paclotrazol	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-HEM-240412-001-01 - FRI, APR 12, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Aflatoxin B2	0 ug/kg	N/A	0.001 ug/g	0.002 ug/g	N/A
Aflatoxin G1	0 ug/kg	N/A	0.001 ug/g	0.002 ug/g	N/A
Ochratoxin A	0 ug/kg	N/A	0.001 ug/g	0.002 ug/g	N/A
Aflatoxin B1	ND	N/A	0.00125 ug/g	0.0025 ug/g	N/A
Aflatoxin G2	ND	N/A	0.00125 ug/g	0.0025 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
 HPMET-HEM-240412-001-01 - FRI, APR 12, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	ND	N/A	0.198 ug/kg	0.662 ug/kg	N/A
Cadmium	0.003 ug/g	N/A	0.082 ug/kg	0.272 ug/kg	N/A
Chromium	ND	N/A	0.627 ug/kg	2.091 ug/kg	N/A
Copper	0.021 ug/g	N/A	0.155 ug/kg	0.515 ug/kg	N/A
Lead	0.003 ug/g	N/A	0.282 ug/kg	0.282 ug/kg	N/A
Mercury	ND	N/A	0.017 ug/kg	0.057 ug/kg	N/A
Nickel	0.009 ug/g	N/A	0.321 ug/kg	1.071 ug/kg	N/A

