Certified Testing & Data

CTND NY // 150 BROADWAY STE 194 MENANDS NY 12204 // PH: 5189005515

NY LICENSE #: OCM-CPL-2022-00009

CERTIFICATE OF ANALYSIS

REPORT DATE: DEC 02, 2024

PURA - 1.0G - SUGAR - MIMOSA (CONCENTRATE) // **CLIENT**: HEPWORTH PURA

BATCH RESULT: PASS

BATCH NO.: PUR-SUGG-MIMO-112224
CULTIVAR: MIMOSA
MATRIX: CONCENTRATED CANNABIS
PRODUCT: CONCENTRATE
SAMPLE ID: CTNY-241122-009
COLLECTED ON: NOV 22, 2024
RECEIVED ON: NOV 22, 2024
BATCH SIZE: 5000 UNITS
SAMPLE SIZE: 20 UNITS
RECEIVED BY: LOGAN EMERSON ALVAREZ

TOTAL THC	75.9 %
TOTAL CBD	< LOQ
TOTAL CANNABINOIDS	76.5 %

MICROBIAL PASS

MYCOTOXINS PASS

PESTICIDES PASS

TERPENOIDS PASS

CANNABINOIDS

HEAVY METALS PASS

RESIDUAL SOLVENTS PASS

CULTIVATOR

HEPWORTH PURA

LICENSE
OCM-AUCP-22-000021

TYPE
ADULT-USE - PROCESSOR

MANUFACTURER

HEPWORTH PURA

LICENSE
OCM-AUCP-22-000021

TYPE
ADULT-USE - PROCESSOR

DEFINITIONS AND EQUATIONS: TOTAL THC = THCA*0.877 + Δ8-THC + Δ9-THC + Δ10-THC, Δ10-THC = 9R-Δ10 -THC + 9S-Δ10 -THC, TOTAL CBD = CBDA*0.877 + CBD, TOTAL CANNABINOIDS = ALL ANALYTES SUMMED EXCLUDING THE ISOMERS 9R-Δ10 -THC AND 9S-Δ10 -THC, LOQ = LIMIT OF QUANTIFICATION, LOD = LIMIT OF DETECTION. THIS REPORT, AND ALL RESULTS WITHIN, RELATES ONLY TO THE ITEMS TESTED, CALIBRATED OR SAMPLED, AND MAY NOT BE REPRODUCED WITHOUT WRITTEN APPROVAL FROM CTND. ALL METHODS AND RESULTS USED CONFORM TO THE NYS OCM REGULATIONS AND STANDARDS. FOR BULK FLOWER AND PLANT FORMS, PHYTOCANNABINOIDS ARE CORRECTED FOR MOISTURE CONTENT AND REPORTED ON A DRY WEIGHT BASIS. SAMPLING & TRANSPORTATION SOP: CTND-NY-SOP-SM-001

RESULTS CERTIFIED BY: CHRIS ALTOMARE

RESULTS CERTIFIED BY: LARRY CLEMENT

TECHNICAL DIRECTOR, CTND NY
DEC 02, 2024

QUALITY ASSURANCE OFFICER, CTND NY
DEC 02, 2024

CTND-NY-SOP-P-002, CTND-NY-SOP-P-001: CANNABINOIDS BY HPLC

NOV 25, 2024 21:00:00 UTC

ANALYTE	LABELED AMOUNT	LIMIT	DETECTED	DETECTED	LOQ	PASS/FAIL
9R-Δ^{10}-THC			< LOQ	< LOQ	0.543 %	N/A
9S-Δ^{10}-THC			< LOQ	< LOQ	0.543 %	N/A
CBC			< LOQ	< LOQ	0.543 %	N/A
CBD			< LOQ	< LOQ	0.543 %	N/A
CBDA			< LOQ	< LOQ	0.543 %	N/A
CBDV			< LOQ	< LOQ	0.543 %	N/A
CBG			< LOQ	< LOQ	0.543 %	N/A
CBGA			0.625 %	6.3 mg/g	0.543 %	N/A
CBN			< LOQ	< LOQ	0.543 %	N/A
Δ^{8}-THC			< LOQ	< LOQ	0.543 %	N/A
Δ^{9}-THC			< LOQ	< LOQ	0.543 %	N/A
Δ^{10}-THC			< LOQ	< LOQ		N/A
THCA			86.6 %	870 mg/g	0.543 %	N/A
THCV			< LOQ	< LOQ	0.543 %	N/A
TOTAL THC *(TOTAL THC = DELTA-8-THC + DELTA-9-THC + DELTA-10-THC + (THCA X 0.877))*			75.9 %	760 mg/g		N/A
TOTAL CBD *(TOTAL CBD = CBD + (CBDA X 0.877))*			< LOQ	< LOQ		N/A

CTND-NY-SOP-T-002, CTND-NY-SOP-T-001: TERPENES BY GC-MS

NOV 27, 2024 14:35:00 UTC

ANALYTE	LABELED AMOUNT	LIMIT	DETECTED	DETECTED	LOQ	PASS/FAIL

TOTAL TERPENES	11.5 %	3.0091 %	30.0910 mg/g		PASS
α-BISABOLOL		< LOQ	< LOQ	0.0196 %	N/A
α-HUMULENE		0.4388 %	4.3880 mg/g	0.0196 %	N/A
α-PHELLANDRENE		< LOQ	< LOQ	0.0196 %	N/A
α-PINENE		0.0713 %	0.7130 mg/g	0.0196 %	N/A
α-TERPINENE		< LOQ	< LOQ	0.0196 %	N/A
β-CARYOPHYLLENE		1.4594 %	14.5940 mg/g	0.1960 %	N/A
β-MYRCENE		0.1234 %	1.2340 mg/g	0.0196 %	N/A
β-PINENE		0.0994 %	0.9940 mg/g	0.0196 %	N/A
CAMPHENE		0.0205 %	0.2050 mg/g	0.0196 %	N/A
CARYOPHYLLENE OXIDE		< LOQ	< LOQ	0.0196 %	N/A
CIS-β-OCIMENE		< LOQ	< LOQ	0.0055 %	N/A
D-LIMONENE		0.5853 %	5.8530 mg/g	0.0196 %	N/A
Δ^3-CARENE		< LOQ	< LOQ	0.0196 %	N/A
EUCALYPTOL		< LOQ	< LOQ	0.0196 %	N/A
FENCHOL		< LOQ	< LOQ	0.0196 %	N/A
γ-TERPINENE		< LOQ	< LOQ	0.0196 %	N/A
GERANIOL		< LOQ	< LOQ	0.0196 %	N/A
GUAIOL		< LOQ	< LOQ	0.0196 %	N/A
ISOPULEGOL		< LOQ	< LOQ	0.0196 %	N/A
LINALOOL		< LOQ	< LOQ	0.0196 %	N/A
P-CYMENE		< LOQ	< LOQ	0.0196 %	N/A
TERPINEOL		< LOQ	< LOQ	0.0196 %	N/A
TERPINOLENE		0.0974 %	0.9740 mg/g	0.0196 %	N/A
TRANS-β-FARNESENE		0.0956 %	0.9560 mg/g	0.0196 %	N/A
TRANS-β-OCIMENE		0.0180 %	0.1800 mg/g	0.0132 %	N/A
TRANS-NEROLIDOL		< LOQ	< LOQ	0.0196 %	N/A

VALENCENE	< LOQ	< LOQ	0.0196 %	N/A

MICRO: ASPERGILLUS BY BIOMERIEUX GENE-UP
NOV 25, 2024 20:00:00 UTC

ANALYTE	LIMIT	DETECTED	LOQ	PASS/FAIL
ASPERGILLUS FLAVUS	Absent in any amt	Absent	1.00 CFU/g	PASS
ASPERGILLUS FUMIGATUS	Absent in any amt	Absent	1.00 CFU/g	PASS
ASPERGILLUS NIGER	Absent in any amt	Absent	1.00 CFU/g	PASS
ASPERGILLUS TERREUS	Absent in any amt	Absent	1.00 CFU/g	PASS

MICRO: SALMONELLA BY BIOMERIEUX GENE-UP
NOV 25, 2024 20:00:00 UTC

ANALYTE	LIMIT	DETECTED	LOQ	PASS/FAIL
SALMONELLA SPP.	Absent in any amt	Absent	1.00 CFU/g	PASS

MICRO: SHIGA TOXIN-PRODUCING E. COLI BY BIOMERIEUX GENE-UP
NOV 25, 2024 20:00:00 UTC

ANALYTE	LIMIT	DETECTED	LOQ	PASS/FAIL
SHIGA TOXIN-PRODUCING E. COLI	Absent in any amt	Absent	1.00 CFU/g	PASS

MICRO: TOTAL VIABLE AEROBIC BACTERIA BY BIOMERIEUX TEMPO
NOV 24, 2024 00:00:00 UTC

ANALYTE	LIMIT	DETECTED	LOQ	PASS/FAIL
AEROBIC BACTERIA	10000 CFU/g	< LOQ	100 CFU/g	PASS

MICRO: TOTAL YEAST & MOLD BY BIOMERIEUX TEMPO

NOV 25, 2024 23:45:00 UTC

ANALYTE	LIMIT	DETECTED	LOQ	PASS/FAIL
YEAST & MOLD	1000 CFU/g	< LOQ	100 CFU/g	PASS

CTND-NY-SOP-PM-002, CTND-NY-SOP-PM-001: MYCOTOXINS BY LC-MS/MS

NOV 26, 2024 00:31:00 UTC

ANALYTE	LIMIT	DETECTED	LOQ	PASS/FAIL
AFLATOXIN B1		< LOQ	0.0104 µg/g	N/A
AFLATOXIN B2		< LOQ	0.0104 µg/g	N/A
AFLATOXIN G1		< LOQ	0.0104 µg/g	N/A
AFLATOXIN G2		< LOQ	0.0104 µg/g	N/A
AFLATOXINS	0.02 µg/g	< LOQ		PASS
OCHRATOXIN A	0.02 µg/g	< LOQ	0.0104 µg/g	PASS

CTND-NY-SOP-PM-002: PESTICIDES BY LC-MS/MS

NOV 25, 2024 23:00:00 UTC, NOV 26, 2024 00:31:00 UTC

ANALYTE	LIMIT	DETECTED	LOQ	PASS/FAIL	ANALYTE	LIMIT	DETECTED	LOQ	PASS/FAIL
ABAMECTIN	0.5 ppm	< LOQ	0.104 ppm	PASS	KRESOXIM-METHYL	0.4 ppm	< LOQ	0.104 ppm	PASS
ACEPHATE	0.4 ppm	< LOQ	0.104 ppm	PASS	MALATHION	0.2 ppm	< LOQ	0.104 ppm	PASS
ACEQUINOCYL	2 ppm	< LOQ	0.104 ppm	PASS	METALAXYL	0.2 ppm	< LOQ	0.104 ppm	PASS
ACETAMIPRID	0.2 ppm	< LOQ	0.104 ppm	PASS	METHIOCARB	0.2 ppm	< LOQ	0.104 ppm	PASS
ALDICARB	0.4 ppm	< LOQ	0.104 ppm	PASS	METHOMYL	0.4 ppm	< LOQ	0.104 ppm	PASS
AZADIRACHTIN	1 ppm	< LOQ	0.104 ppm	PASS	METHYL PARATHION	0.2 ppm	< LOQ	0.104 ppm	PASS
AZOXYSTROBIN	0.2 ppm	< LOQ	0.104 ppm	PASS	MEVINPHOS	1 ppm	< LOQ	0.104 ppm	PASS
BIFENAZATE	0.2 ppm	< LOQ	0.104 ppm	PASS	MGK-264	0.2 ppm	< LOQ		PASS
BIFENTHRIN	0.2 ppm	< LOQ	0.104 ppm	PASS	MGK-264 I		< LOQ	0.0342 ppm	N/A

BOSCALID	0.4 ppm	< LOQ	0.104 ppm	PASS
CAPTAN	1 ppm	< LOQ	0.104 ppm	PASS
CARBARYL	0.2 ppm	< LOQ	0.104 ppm	PASS
CARBOFURAN	0.2 ppm	< LOQ	0.104 ppm	PASS
CHLORANTRANIL-IPROLE	0.2 ppm	< LOQ	0.104 ppm	PASS
CHLORDANE	1 ppm	< LOQ	0.415 ppm	PASS
CHLORFENAPYR	1 ppm	< LOQ	0.104 ppm	PASS
CHLORMEQUAT CHLORIDE	1 ppm	< LOQ	0.104 ppm	PASS
CHLORPYRIFOS	0.2 ppm	< LOQ	0.104 ppm	PASS
CLOFENTEZINE	0.2 ppm	< LOQ	0.104 ppm	PASS
COUMAPHOS	1 ppm	< LOQ	0.104 ppm	PASS
CYFLUTHRIN	1 ppm	< LOQ	0.104 ppm	PASS
CYPERMETHRIN	1 ppm	< LOQ	0.104 ppm	PASS
DAMINOZIDE	1 ppm	< LOQ	0.104 ppm	PASS
DIAZINON	0.2 ppm	< LOQ	0.104 ppm	PASS
DICHLORVOS	1 ppm	< LOQ	0.104 ppm	PASS
DIMETHOATE	0.2 ppm	< LOQ	0.104 ppm	PASS
DIMETHOMORPH	1 ppm	< LOQ	0.104 ppm	PASS
ETHOPROPHOS	0.2 ppm	< LOQ	0.104 ppm	PASS
ETOFENPROX	0.4 ppm	< LOQ	0.104 ppm	PASS
ETOXAZOLE	0.2 ppm	< LOQ	0.104 ppm	PASS
FENHEXAMID	1 ppm	< LOQ	0.104 ppm	PASS
FENOXYCARB	0.2 ppm	< LOQ	0.104 ppm	PASS
FENPYROXIMATE	0.4 ppm	< LOQ	0.104 ppm	PASS
FIPRONIL	0.4 ppm	< LOQ	0.104 ppm	PASS
FLONICAMID	1 ppm	< LOQ	0.104 ppm	PASS
FLUDIOXONIL	0.4 ppm	< LOQ	0.104 ppm	PASS

MGK-264 II		< LOQ	0.0671 ppm	N/A
MYCLOBUTANIL	0.2 ppm	< LOQ	0.104 ppm	PASS
NALED	0.5 ppm	< LOQ	0.104 ppm	PASS
OXAMYL	1 ppm	< LOQ	0.104 ppm	PASS
PACLOBUTRAZOL	0.4 ppm	< LOQ	0.104 ppm	PASS
PENTACHLORONI-TROBENZENE	1 ppm	< LOQ	0.104 ppm	PASS
PERMETHRIN	0.2 ppm	< LOQ		PASS
PERMETHRIN CIS		< LOQ	0.0478 ppm	N/A
PERMETHRIN TRANS		< LOQ	0.0561 ppm	N/A
PHOSMET	0.2 ppm	< LOQ	0.104 ppm	PASS
PIPERONYLBUTO-XIDE	2 ppm	< LOQ	0.104 ppm	PASS
PRALLETHRIN	0.2 ppm	< LOQ	0.104 ppm	PASS
PROPICONAZOLE	0.4 ppm	< LOQ	0.104 ppm	PASS
PROPOXUR	0.2 ppm	< LOQ	0.104 ppm	PASS
PYRETHRINS	1 ppm	< LOQ		PASS
PYRETHRINS CINERIN I		< LOQ	0.00561 ppm	N/A
PYRETHRINS JASMOLIN I		< LOQ	0.00393 ppm	N/A
PYRETHRINS PYRETHRIN I		< LOQ	0.0552 ppm	N/A
PYRIDABEN	0.2 ppm	< LOQ	0.104 ppm	PASS
SPINETORAM	1 ppm	< LOQ	0.104 ppm	PASS
SPINOSAD	0.2 ppm	< LOQ		PASS
SPINOSAD A		< LOQ	0.0837 ppm	N/A
SPINOSAD D		< LOQ	0.0181 ppm	N/A
SPIROMESIFEN	0.2 ppm	< LOQ	0.104 ppm	PASS
SPIROTETRAMAT	0.2 ppm	< LOQ	0.104 ppm	PASS
SPIROXAMINE	0.2 ppm	< LOQ	0.104 ppm	PASS
TEBUCONAZOLE	0.4 ppm	< LOQ	0.104 ppm	PASS

HEXYTHIAZOX	1 ppm	< LOQ	0.104 ppm	PASS
IMAZALIL	0.2 ppm	< LOQ	0.104 ppm	PASS
IMIDACLOPRID	0.4 ppm	< LOQ	0.104 ppm	PASS
INDOLE-3-BUTYRIC ACID	1 ppm	< LOQ	0.104 ppm	PASS
THIACLOPRID	0.2 ppm	< LOQ	0.104 ppm	PASS
THIAMETHOXAM	0.2 ppm	< LOQ	0.104 ppm	PASS
TRIFLOXYSTROBIN	0.2 ppm	< LOQ	0.104 ppm	PASS

CTND-NY-SOP-M-002, CTND-NY-SOP-M-001: HEAVY METALS BY ICP-MS

NOV 27, 2024 18:22:00 UTC

ANALYTE	LIMIT	DETECTED	LOQ	PASS/FAIL
ANTIMONY	2 µg/g	< LOQ	0.077 µg/g	PASS
ARSENIC	0.2 µg/g	< LOQ	0.077 µg/g	PASS
CADMIUM	0.2 µg/g	< LOQ	0.077 µg/g	PASS
CHROMIUM	110 µg/g	< LOQ	0.387 µg/g	PASS
COPPER	30 µg/g	< LOQ	0.387 µg/g	PASS
LEAD	0.5 µg/g	< LOQ	0.077 µg/g	PASS
MERCURY	0.1 µg/g	< LOQ	0.077 µg/g	PASS
NICKEL	2 µg/g	< LOQ	0.387 µg/g	PASS

CTND-NY-SOP-R-002, CTND-NY-SOP-R-001: RESIDUAL SOLVENTS BY GC-MS

NOV 26, 2024 16:45:00 UTC

ANALYTE	LIMIT	DETECTED	LOQ	PASS/FAIL
1,1,1,2-TETRAFLUOROETHANE	1000 ppm	< LOQ	199.000 ppm	PASS
1,1,1-TRICHLOROETHANE	1500 ppm	< LOQ	79.600 ppm	PASS
1,2-DICHLOROETHANE	5 ppm	< LOQ	7.960 ppm	PASS
2,2-DIMETHYLBUTANE		< LOQ	15.900 ppm	N/A
2,3-DIMETHYLBUTANE		< LOQ	15.900 ppm	N/A
2-METHYLBUTANE		< LOQ	26.600 ppm	N/A

2-METHYLPENTANE		< LOQ	15.900 ppm	N/A
2-METHYLPROPANE		< LOQ	39.800 ppm	N/A
2-PROPANOL	5000 ppm	< LOQ	79.600 ppm	PASS
3-METHYLPENTANE		< LOQ	15.900 ppm	N/A
ACETONE	5000 ppm	< LOQ	79.600 ppm	PASS
ACETONITRILE	410 ppm	< LOQ	79.600 ppm	PASS
BENZENE	2 ppm	< LOQ	0.796 ppm	PASS
BUTANE		44.275 ppm	39.800 ppm	N/A
BUTANES	5000 ppm	44.275 ppm		PASS
CHLOROFORM	60 ppm	< LOQ	0.796 ppm	PASS
DICHLOROMETHANE	600 ppm	< LOQ	79.600 ppm	PASS
DIMETHYL SULFOXIDE	5000 ppm	< LOQ	1590.000 ppm	PASS
ETHANOL	5000 ppm	< LOQ	79.600 ppm	PASS
ETHYL ACETATE	5000 ppm	< LOQ	79.600 ppm	PASS
ETHYL ETHER	5000 ppm	< LOQ	79.600 ppm	PASS
HEPTANE	5000 ppm	< LOQ	79.600 ppm	PASS
HEXANE		< LOQ	15.900 ppm	N/A
HEXANES	290 ppm	< LOQ		PASS
METHANOL	3000 ppm	< LOQ	79.600 ppm	PASS
NEOPENTANE		< LOQ	26.600 ppm	N/A
O-XYLENE		< LOQ	19.900 ppm	N/A
P- AND M-XYLENE		< LOQ	39.800 ppm	N/A
PENTANE		< LOQ	26.600 ppm	N/A
PENTANES	5000 ppm	< LOQ		PASS
PROPANE	5000 ppm	< LOQ	79.600 ppm	PASS
TOLUENE	890 ppm	< LOQ	79.600 ppm	PASS
TOTAL XYLENES	2170 ppm	< LOQ		PASS
TRICHLOROETHYLENE		< LOQ	79.600 ppm	N/A