

# CERTIFICATE OF ANALYSIS

\* FOR QUALITY ASSURANCE PURPOSES. NOT A CALIFORNIA COMPLIANCE CERTIFICATE.

PRODUCED: MAY 15, 2023

SAMPLE: SATIVA BLEND HTE MT4973 (EXTRACT) // CLIENT: ABSTRAX LABS LONG BEACH // BATCH: PASS



BATCH NO.: NAN  
 MATRIX: EXTRACT  
 CATEGORY: INHALABLE  
 SAMPLE ID: BCL-230512-088  
 COLLECTED ON: MAY 12, 2023  
 RECEIVED ON: MAY 12, 2023  
 SAMPLE SIZE: 8 UNITS

## CANNABINOID OVERVIEW

TOTAL THC:	47.01902 %
TOTAL CBD:	0.39901 %
SUM OF CANNABINOIDS:	59.00668 %



## BCL-03: CANNABINOID POTENCY BY HPLC-UV // MAY 14, 2023

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	1.79285 %	17.9285 mg/g	0.0216/0.49087	N/A
CBCA	0.97065 %	9.7065 mg/g	0.06185/0.49087	N/A
CBD	0.16474 %	1.6474 mg/g	0.03043/0.49087	N/A
CBDA	0.26713 %	2.6713 mg/g	0.01571/0.49087	N/A
CBDV	ND	ND	0.02356/0.49087	N/A
CBDVA	ND	ND	0.01571/0.49087	N/A
CBG	3.36157 %	33.6157 mg/g	0.02847/0.49087	N/A
CBGA	3.93079 %	39.3079 mg/g	0.01963/0.49087	N/A
CBN	0.34439 %	3.4439 mg/g	0.01571/0.49087	N/A
Δ <sup>8</sup> -THC	ND	ND	0.05694/0.49087	N/A
Δ <sup>9</sup> -THC	43.25152 %	432.5152 mg/g	0.04123/0.49087	N/A
THCA	4.29590 %	42.9590 mg/g	0.02945/0.49087	N/A
THCV	0.62714 %	6.2714 mg/g	0.0324/0.49087	N/A
THCVA	ND	ND	0.02258/0.49087	N/A
TOT THC**	47.01902 %	470.1902 mg/g		N/A
TOT CBD**	0.39901 %	3.9901 mg/g		N/A

\*\* TOTAL THC = DELTA-8-THC + (DELTA-8-THCA X 0.877) + DELTA-9-THC + (THCA X 0.877)

\*\* TOTAL CBD = CBD + (CBDA X 0.877)

## TERPENOID TESTING BY HS-GC/FID

ANALYTE	AMT	AMT	LOD/LOQ ( )	PASS/FAIL
TOTAL TERPENES	ND	ND		N/A
α-PINENE	NT	NT		N/A
CAMPHENE	NT	NT		N/A
β-PINENE	NT	NT		N/A
β-MYRCENE	NT	NT		N/A
Δ <sup>3</sup> -CARENE	NT	NT		N/A
α-TERPINENE	NT	NT		N/A
D-LIMONENE	NT	NT		N/A
P-CYMENE	NT	NT		N/A
α-OCIMENE*	NT	NT		N/A
β-OCIMENE*	NT	NT		N/A
γ-TERPINENE	NT	NT		N/A
TERPINOLENE	NT	NT		N/A
LINALOOL	NT	NT		N/A
ISOPULEGOL	NT	NT		N/A
GERANIOL	NT	NT		N/A
β-CARYOPHYLLENE	NT	NT		N/A
α-HUMULENE	NT	NT		N/A
CIS-NEROLIDOL	NT	NT		N/A
TRANS-NEROLIDOL	NT	NT		N/A
GUAIOL	NT	NT		N/A
α-BISABOLOL	NT	NT		N/A
1,8-CINEOLE*	NT	NT		N/A

\* BEYOND SCOPE OF ACCREDITATION



SAMPLE WAS TESTED AS RECEIVED. ALL LQC SAMPLES REQUIRED BY SECTION 15730 OF CALIFORNIA CODE OF REGULATIONS TITLE 4 DIVISION 19 DEPARTMENT OF CANNABIS CONTROL WERE PERFORMED AND MET THE ACCEPTANCE CRITERIA. ALL DECISION RULES ARE ESTABLISHED BY THE DCC.

RESULTS CERTIFIED BY: DZOANA KLISARA, B.SC.  
 LABORATORY DIRECTOR, BELCOSTA LABS  
 MAY 15, 2023

*Dzoana Klisara*

**BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // MAY 14, 2023**

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.1 µg/g	ND	0.0244/0.07393	PASS	METALAXYL	2 µg/g	ND	0.0058/0.01757	PASS
ACEPHATE	0.1 µg/g	ND	0.01224/0.0371	PASS	METHIOCARB	Any amt	ND	0.00885/0.02681	PASS
ACEQUINOCYL	0.1 µg/g	ND	0.01993/0.06038	PASS	METHOMYL	1 µg/g	ND	0.00837/0.02537	PASS
ACETAMIPRID	0.1 µg/g	ND	0.0043/0.01302	PASS	MEVINPHOS	Any amt	ND		PASS
ALDICARB	Any amt	ND	0.01219/0.03693	PASS	MEVINPHOS I		ND	0.001/0.00303	N/A
AZOXYSTROBIN	0.1 µg/g	ND	0.00771/0.02337	PASS	MEVINPHOS II		ND	0.00529/0.01603	N/A
BIFENAZATE	0.1 µg/g	ND	0.00373/0.01131	PASS	MYCLOBUTANIL	0.1 µg/g	ND	0.01719/0.0521	PASS
BIFENTHRIN	3 µg/g	ND	0.01267/0.03839	PASS	NALED	0.1 µg/g	ND	0.01059/0.0321	PASS
BOSCALID	0.1 µg/g	ND	0.01406/0.04261	PASS	OXAMYL	0.5 µg/g	ND	0.00617/0.01869	PASS
CARBARYL	0.5 µg/g	ND	0.00615/0.01865	PASS	PACLOBUTRAZOL	Any amt	ND	0.01076/0.03262	PASS
CARBOFURAN	Any amt	ND	0.00411/0.01246	PASS	PERMETHRIN	0.5 µg/g	ND		PASS
CHLORANTRANIL-IPROLE	10 µg/g	ND	0.01069/0.0324	PASS	PERMETHRIN CIS		ND	0.00993/0.03008	N/A
CLOFENTEZINE	0.1 µg/g	ND	0.01404/0.04256	PASS	PERMETHRIN TRANS		ND	0.01265/0.03833	N/A
COUMAPHOS	Any amt	ND	0.01952/0.05914	PASS	PHOSMET	0.1 µg/g	ND	0.00601/0.01822	PASS
CYFLUTHRIN	2 µg/g	ND	0.1511/0.45788	PASS	PIPERONYLBUTOXIDE	3 µg/g	ND	0.00261/0.00791	PASS
CYPERMETHRIN	1 µg/g	ND	0.02284/0.06921	PASS	PRALLETHRIN	0.1 µg/g	ND	0.00989/0.02996	PASS
DAMINOZIDE	Any amt	ND	0.0237/0.07182	PASS	PROPICONAZOLE	0.1 µg/g	ND	0.00577/0.01747	PASS
DIAZINON	0.1 µg/g	ND	0.0027/0.00818	PASS	PROPOXUR	Any amt	ND	0.00593/0.01798	PASS
DIMETHOATE	Any amt	ND	0.00353/0.01069	PASS	PYRETHRINS	0.5 µg/g	ND		PASS
DIMETHOMORPH	2 µg/g	ND		PASS	PYRETHRINS PYRETHRIN I		ND	0.00435/0.01318	N/A
DIMETHOMORPH I		ND	0.00554/0.01679	N/A	PYRETHRINS PYRETHRIN II		ND	0.00386/0.01169	N/A
DIMETHOMORPH II		ND	0.00327/0.00992	N/A	PYRIDABEN	0.1 µg/g	ND	0.00388/0.01176	PASS
ETHOPROPHOS	Any amt	ND	0.00632/0.01914	PASS	SPINETORAM	0.1 µg/g	ND		PASS
ETOFENPROX	Any amt	ND	0.00604/0.01831	PASS	SPINETORAM J		ND	0.00694/0.02103	N/A
ETOXAZOLE	0.1 µg/g	ND	0.00363/0.01099	PASS	SPINETORAM L		ND	0.00902/0.02734	N/A
FENHEXAMID	0.1 µg/g	ND	0.01344/0.04073	PASS	SPINOSAD	0.1 µg/g	ND		PASS
FENOXYCARB	Any amt	ND	0.0047/0.01423	PASS	SPINOSAD A		ND	0.00799/0.02422	N/A
FENPYROXIMATE	0.1 µg/g	ND	0.00277/0.0084	PASS	SPINOSAD D		ND	0.00275/0.00834	N/A
FIPRONIL	Any amt	ND	0.00678/0.02054	PASS	SPIROMESIFEN	0.1 µg/g	ND	0.00693/0.021	PASS
FLONICAMID	0.1 µg/g	ND	0.0046/0.01393	PASS	SPIROTETRAMAT	0.1 µg/g	ND	0.00537/0.01627	PASS
FLUDIOXONIL	0.1 µg/g	ND	0.03245/0.09834	PASS	SPIROXAMINE	Any amt	ND	0.00549/0.01663	PASS
HEXYTHIAZOX	0.1 µg/g	ND	0.00409/0.01238	PASS	TEBUCONAZOLE	0.1 µg/g	ND	0.00874/0.02647	PASS
IMAZALIL	Any amt	ND	0.012/0.03637	PASS	THIACLOPRID	Any amt	ND	0.00458/0.01389	PASS
IMIDACLOPRID	5 µg/g	ND	0.00796/0.02411	PASS	THIAMETHOXAM	5 µg/g	ND	0.00395/0.01196	PASS
KRESOXIM-METHYL	0.1 µg/g	ND	0.00989/0.02997	PASS	TRIFLOXYSTROBIN	0.1 µg/g	ND	0.00354/0.01072	PASS
MALATHION	0.5 µg/g	0.0563	0.00701/0.02124	PASS					

**BCL-13: PESTICIDE TESTING BY GC/MS // MAY 16, 2023**

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	0.7 µg/g	ND	0.03244/0.09825	PASS	CHLORPYRIFOS	Any amt	ND	0.01153/0.03503	PASS
CHLORDANE	Any amt	ND		PASS	DICHLORVOS	Any amt	ND	0.01215/0.03682	PASS
CHLORDANE CIS		ND	0.01147/0.03479	N/A	METHYL PARATHION	Any amt	ND	0.01394/0.04225	PASS
CHLORDANE TRANS		ND	0.01098/0.03318	N/A	PENTACHLORONITROBENZENE	0.1 µg/g	ND	0.01449/0.04398	PASS
CHLORFENAPYR	Any amt	ND	0.02473/0.07488	PASS					



**BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // MAY 14, 2023**

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.16725/0.58343	PASS
ACETONE	5000 µg/g	120.461	18.82536/58.34306	PASS
ACETONITRILE	410 µg/g	ND	16.70556/58.34306	PASS
BENZENE	1 µg/g	ND	0.0739/0.58343	PASS
BUTANE	5000 µg/g	ND	17.61571/58.34306	PASS
CHLOROFORM	1 µg/g	ND	0.17114/0.58343	PASS
ETHANOL	5000 µg/g	< LOQ	14.44185/58.34306	PASS
ETHYL ACETATE	5000 µg/g	ND	17.83353/58.34306	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.1867/0.58343	PASS
ETHYL ETHER	5000 µg/g	ND	15.70984/58.34306	PASS
HEPTANE	5000 µg/g	ND	13.74562/58.34306	PASS
HEXANE	290 µg/g	ND	21.16297/97.23843	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	14.58576/58.34306	PASS
METHANOL	3000 µg/g	ND	13.08051/58.34306	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.1478/0.58343	PASS
PENTANE	5000 µg/g	ND	32.16647/97.23843	PASS
PROPANE	5000 µg/g	ND	16.61999/58.34306	PASS
TOLUENE	890 µg/g	ND	9.1832/58.34306	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07779/0.58343	PASS
O-XYLENE		ND	4.3485/29.17153	N/A
P- AND M-XYLENE		ND	4.02956/29.17153	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

**BCL-020: HEAVY METAL TESTING BY ICP-MS // MAY 13, 2023**

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	0.2 µg/g	ND	0.001/0.05	PASS
CADMIUM	0.2 µg/g	< LOQ	0.0002/0.05	PASS
LEAD	0.5 µg/g	0.083	0.0003/0.05	PASS
MERCURY	0.1 µg/g	< LOQ	0.0001/0.01	PASS

**ACCREDITATIONS**



**A2LA ACCREDITED**

- BCL-020: HEAVY METAL TESTING BY ICP-MS
- BCL-03: CANNABINOID POTENCY BY HPLC-UV
- BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI
- BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR

**BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // MAY 13, 2023**

ANALYTE	LIMIT AMT (%)	PASS/FAIL
IMBEDDED FOREIGN MATERIAL	25 %	ND PASS
INSECT FRAGMENTS, HAIR, MAMMAL EXCREMENT	1 Unit	ND PASS
MOLD	25 %	ND PASS
SAND, SOIL, CINDERS, DIRT	25 %	ND PASS

**BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR // MAY 14, 2023**

ANALYTE	LIMIT AMT (CFU)	PASS/FAIL
ASPERGILLUS FLAVUS	Any amt in 1 gram	ND PASS
ASPERGILLUS FUMIGATUS	Any amt in 1 gram	ND PASS
ASPERGILLUS NIGER	Any amt in 1 gram	ND PASS
ASPERGILLUS TERREUS	Any amt in 1 gram	ND PASS
SALMONELLA SPP.	Any amt in 1 gram	ND PASS
SHIGA TOXIN-PRODUCING E. COLI	Any amt in 1 gram	ND PASS

**BCL-11: MYCOTOXIN TESTING BY LC-MS/MS // MAY 14, 2023**

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		ND	1.97/5.96	N/A
AFLATOXIN B2		ND	1.32/3.99	N/A
AFLATOXIN G1		ND	1.6/4.86	N/A
AFLATOXIN G2		ND	1.46/4.44	N/A
AFLATOXINS	20 µg/kg	ND		PASS
OCHRATOXIN A	20 µg/kg	ND	1.35/4.08	PASS

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