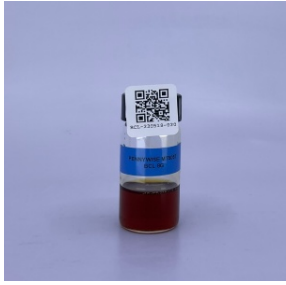


CERTIFICATE OF ANALYSIS

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

PRODUCED: MAY 22, 2023

SAMPLE: PENNYWISE MT5057 (EXTRACT) // CLIENT: ABSTRAX LABS LONG BEACH // BATCH: PASS



BATCH NO.: NAN
 MATRIX: EXTRACT
 CATEGORY: INHALABLE
 SAMPLE ID: BCL-230519-020
 COLLECTED ON: MAY 19, 2023
 RECEIVED ON: MAY 19, 2023
 SAMPLE SIZE: 8 UNITS

CANNABINOID OVERVIEW

TOTAL THC:	4.1745 %
TOTAL CBD:	64.81188 %
SUM OF CANNABINOIDS:	80.66681 %



BCL-03: CANNABINOID POTENCY BY HPLC-UV // MAY 20, 2023

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	1.17861 %	11.7861 mg/g	0.02165/0.49203	N/A
CBCA	1.85741 %	18.5741 mg/g	0.062/0.49203	N/A
CBD	24.54271 %	245.4271 mg/g	0.03051/0.49203	N/A
CBDA	45.91695 %	459.1695 mg/g	0.01574/0.49203	N/A
CBDV	0.55757 %	5.5757 mg/g	0.02362/0.49203	N/A
CBDVA	1.08965 %	10.8965 mg/g	0.01574/0.49203	N/A
CBG	0.26186 %	2.6186 mg/g	0.02854/0.49203	N/A
CBGA	0.99232 %	9.9232 mg/g	0.01968/0.49203	N/A
CBN	< LOQ	< LOQ	0.01574/0.49203	N/A
Δ ⁸ -THC	ND	ND	0.05708/0.49203	N/A
Δ ⁹ -THC	3.49547 %	34.9547 mg/g	0.04133/0.49203	N/A
THCA	0.77426 %	7.7426 mg/g	0.02952/0.49203	N/A
THCV	ND	ND	0.03247/0.49203	N/A
THCVA	ND	ND	0.02263/0.49203	N/A
TOT THC**	4.17450 %	41.7450 mg/g		N/A
TOT CBD**	64.81188 %	648.1188 mg/g		N/A

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 ³ -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
GUAJOL	NT	NT		N/A
α-BISABOLOL	NT	NT		N/A
1,8-CINEOLE*	NT	NT		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)

* 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 22, 2023

Dzoana Klisara



BCL-13: PESTICIDE TESTING BY GC/MS // MAY 21, 2023

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	0.7 µg/g	ND	0.03092/0.09363	PASS
CHLORDANE	Any amt	ND		PASS
CHLORDANE CIS		ND	0.01093/0.03315	N/A
CHLORDANE TRANS		ND	0.01046/0.03162	N/A
CHLORFENAPYR	Any amt	ND	0.02357/0.07136	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CHLORPYRIFOS	Any amt	ND	0.01099/0.03339	PASS
DICHLORVOS	Any amt	ND	0.01158/0.03509	PASS
METHYL PARATHION	Any amt	ND	0.01328/0.04026	PASS
PENTACHLORONI-TROBENZENE	0.1 µg/g	ND	0.01381/0.04191	PASS

BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // MAY 22, 2023

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.1 µg/g	ND	0.0244/0.07393	PASS
ACEPHATE	0.1 µg/g	ND	0.01224/0.0371	PASS
ACEQUINOCYL	0.1 µg/g	ND	0.01993/0.06038	PASS
ACETAMIPRID	0.1 µg/g	ND	0.0043/0.01302	PASS
ALDICARB	Any amt	ND	0.01219/0.03693	PASS
AZOXYSTROBIN	0.1 µg/g	ND	0.00771/0.02337	PASS
BIFENAZATE	0.1 µg/g	< LOQ	0.00373/0.01131	PASS
BIFENTHRIN	3 µg/g	0.0494	0.01267/0.03839	PASS
BOSCALID	0.1 µg/g	ND	0.01406/0.04261	PASS
CARBARYL	0.5 µg/g	ND	0.00615/0.01865	PASS
CARBOFURAN	Any amt	ND	0.00411/0.01246	PASS
CHLORANTRANIL-IPROLE	10 µg/g	ND	0.01069/0.0324	PASS
CLOFENTEZINE	0.1 µg/g	ND	0.01404/0.04256	PASS
COUMAPHOS	Any amt	ND	0.01952/0.05914	PASS
CYFLUTHRIN	2 µg/g	ND	0.1511/0.45788	PASS
CYPERMETHRIN	1 µg/g	ND	0.02284/0.06921	PASS
DAMINOZIDE	Any amt	ND	0.0237/0.07182	PASS
DIAZINON	0.1 µg/g	ND	0.0027/0.00818	PASS
DIMETHOATE	Any amt	ND	0.00353/0.01069	PASS
DIMETHOMORPH	2 µg/g	ND		PASS
DIMETHOMORPH I		ND	0.00554/0.01679	N/A
DIMETHOMORPH II		ND	0.00327/0.00992	N/A
ETHOPROPHOS	Any amt	ND	0.00632/0.01914	PASS
ETOFENPROX	Any amt	ND	0.00604/0.01831	PASS
ETOXAZOLE	0.1 µg/g	ND	0.00363/0.01099	PASS
FENHEXAMID	0.1 µg/g	ND	0.01344/0.04073	PASS
FENOXYCARB	Any amt	ND	0.0047/0.01423	PASS
FENPYROXIMATE	0.1 µg/g	ND	0.00277/0.0084	PASS
FIPRONIL	Any amt	ND	0.00678/0.02054	PASS
FLONICAMID	0.1 µg/g	ND	0.0046/0.01393	PASS
FLUDIOXONIL	0.1 µg/g	ND	0.03245/0.09834	PASS
HEXYTHIAZOX	0.1 µg/g	ND	0.00409/0.01238	PASS
IMAZALIL	Any amt	ND	0.012/0.03637	PASS
IMIDACLOPRID	5 µg/g	ND	0.00796/0.02411	PASS
KRESOXIM-METHYL	0.1 µg/g	ND	0.00989/0.02997	PASS
MALATHION	0.5 µg/g	ND	0.00701/0.02124	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
METALAXYL	2 µg/g	ND	0.0058/0.01757	PASS
METHIOCARB	Any amt	ND	0.00885/0.02681	PASS
METHOMYL	1 µg/g	ND	0.00837/0.02537	PASS
MEVINPHOS	Any amt	ND		PASS
MEVINPHOS I		ND	0.001/0.00303	N/A
MEVINPHOS II		ND	0.00529/0.01603	N/A
MYCLOBUTANIL	0.1 µg/g	ND	0.01719/0.0521	PASS
NALED	0.1 µg/g	ND	0.01059/0.0321	PASS
OXAMYL	0.5 µg/g	ND	0.00617/0.01869	PASS
PACLOBUTRAZOL	Any amt	ND	0.01076/0.03262	PASS
PERMETHRIN	0.5 µg/g	ND		PASS
PERMETHRIN CIS		ND	0.00993/0.03008	N/A
PERMETHRIN TRANS		ND	0.01265/0.03833	N/A
PHOSMET	0.1 µg/g	ND	0.00601/0.01822	PASS
PIPERONYLBUTO-XIDE	3 µg/g	ND	0.00261/0.00791	PASS
PRALLETHRIN	0.1 µg/g	ND	0.00989/0.02996	PASS
PROPICONAZOLE	0.1 µg/g	ND	0.00577/0.01747	PASS
PROPOXUR	Any amt	ND	0.00593/0.01798	PASS
PYRETHRINS	0.5 µg/g	ND		PASS
PYRETHRINS PYRETHRIN I		ND	0.00435/0.01318	N/A
PYRETHRINS PYRETHRIN II		ND	0.00386/0.01169	N/A
PYRIDABEN	0.1 µg/g	ND	0.00388/0.01176	PASS
SPINETORAM	0.1 µg/g	ND		PASS
SPINETORAM J		ND	0.00694/0.02103	N/A
SPINETORAM L		ND	0.00902/0.02734	N/A
SPINOSAD	0.1 µg/g	ND		PASS
SPINOSAD A		ND	0.00799/0.02422	N/A
SPINOSAD D		ND	0.00275/0.00834	N/A
SPIROMESIFEN	0.1 µg/g	ND	0.00693/0.021	PASS
SPIROTETRAMAT	0.1 µg/g	ND	0.00537/0.01627	PASS
SPIROXAMINE	Any amt	ND	0.00549/0.01663	PASS
TEBUCONAZOLE	0.1 µg/g	ND	0.00874/0.02647	PASS
THIACLOPRID	Any amt	ND	0.00458/0.01389	PASS
THIAMETHOXAM	5 µg/g	ND	0.00395/0.01196	PASS
TRIFLOXYSTROB-IN	0.1 µg/g	ND	0.00354/0.01072	PASS



BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // MAY 21, 2023

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.17009/0.59335	PASS
ACETONE	5000 µg/g	< LOQ	19.14557/59.33544	PASS
ACETONITRILE	410 µg/g	ND	16.98972/59.33544	PASS
BENZENE	1 µg/g	ND	0.07516/0.59335	PASS
BUTANE	5000 µg/g	479.659	17.91535/59.33544	PASS
CHLOROFORM	1 µg/g	ND	0.17405/0.59335	PASS
ETHANOL	5000 µg/g	59.519	14.6875/59.33544	PASS
ETHYL ACETATE	5000 µg/g	ND	18.13687/59.33544	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.18987/0.59335	PASS
ETHYL ETHER	5000 µg/g	ND	15.97706/59.33544	PASS
HEPTANE	5000 µg/g	ND	13.97943/59.33544	PASS
HEXANE	290 µg/g	ND	21.52294/98.89241	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	14.83386/59.33544	PASS
METHANOL	3000 µg/g	ND	13.30301/59.33544	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.15032/0.59335	PASS
PENTANE	5000 µg/g	ND	32.71361/98.89241	PASS
PROPANE	5000 µg/g	ND	16.90269/59.33544	PASS
TOLUENE	890 µg/g	ND	9.3394/59.33544	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07911/0.59335	PASS
O-XYLENE		ND	4.42247/29.66772	N/A
P- AND M-XYLENE		ND	4.0981/29.66772	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

BCL-020: HEAVY METAL TESTING BY ICP-MS // MAY 22, 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	0.060	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 20, 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 21, 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 22, 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

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

