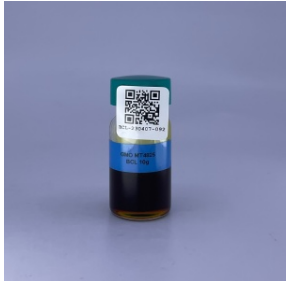


# CERTIFICATE OF ANALYSIS

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

PRODUCED: APR 11, 2023

SAMPLE: GMO MT4825 (EXTRACT) // CLIENT: ABSTRAX LABS LONG BEACH // BATCH: PASS



BATCH NO.: NAN  
 MATRIX: EXTRACT  
 CATEGORY: INHALABLE  
 SAMPLE ID: BCL-230407-092  
 COLLECTED ON: APR 07, 2023  
 RECEIVED ON: APR 07, 2023  
 SAMPLE SIZE: 10 UNITS

## CANNABINOID OVERVIEW

TOTAL THC:	64.31981 %
TOTAL CBD:	0.312 %
SUM OF CANNABINOIDS:	76.4103 %



## BCL-03: CANNABINOID POTENCY BY HPLC-UV // APR 11, 2023

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	1.40107 %	14.0107 mg/g	0.02185/0.49662	N/A
CBCA	0.79410 %	7.9410 mg/g	0.06257/0.49662	N/A
CBD	0.13439 %	1.3439 mg/g	0.03079/0.49662	N/A
CBDA	0.20252 %	2.0252 mg/g	0.01589/0.49662	N/A
CBDV	ND	ND	0.02384/0.49662	N/A
CBDVA	ND	ND	0.01589/0.49662	N/A
CBG	3.97596 %	39.7596 mg/g	0.0288/0.49662	N/A
CBGA	4.27135 %	42.7135 mg/g	0.01986/0.49662	N/A
CBN	0.11969 %	1.1969 mg/g	0.01589/0.49662	N/A
Δ <sup>8</sup> -THC	ND	ND	0.05761/0.49662	N/A
Δ <sup>9</sup> -THC	59.20093 %	592.0093 mg/g	0.04172/0.49662	N/A
THCA	5.83681 %	58.3681 mg/g	0.0298/0.49662	N/A
THCV	0.47348 %	4.7348 mg/g	0.03278/0.49662	N/A
THCVA	ND	ND	0.02284/0.49662	N/A
TOT THC**	64.31981 %	643.1981 mg/g		N/A
TOT CBD**	0.31200 %	3.1200 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)

## BCL-09: TERPENOID TESTING BY HS-GC/FID // APR 10, 2023

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
TOTAL TERPENES	6.43800 %	64.3800 mg/g		N/A
β-CARYOPHYLLENE	2.23081 %	22.3081 mg/g	0.00191/0.13892	N/A
D-LIMONENE	1.85705 %	18.5705 mg/g	0.00025/0.13892	N/A
α-HUMULENE	0.88538 %	8.8538 mg/g	0.00047/0.13892	N/A
β-MYRCENE	0.74933 %	7.4933 mg/g	0.00038/0.13892	N/A
α-BISABOLOL	0.19912 %	1.9912 mg/g	0.00433/0.13892	N/A
LINALOOL	0.11806 %	1.1806 mg/g	0.00037/0.13892	N/A
β-PINENE	0.16170 %	1.6170 mg/g	0.00225/0.13892	N/A
α-PINENE	0.15870 %	1.5870 mg/g	0.00021/0.13892	N/A
CAMPHERE	0.03968 %	0.3968 mg/g	0.00022/0.13892	N/A
TERPINOLENE	0.02309 %	0.2309 mg/g	0.00029/0.13892	N/A
TRANS-β-OCIMENE	0.01021 %	0.1021 mg/g	0.0005/0.09585	N/A
CIS-β-OCIMENE	0.00487 %	0.0487 mg/g	0.00134/0.04306	N/A
α-TERPINENE	< LOQ	< LOQ	0.0003/0.13892	N/A
γ-TERPINENE	< LOQ	< LOQ	0.00047/0.13892	N/A
Δ <sup>3</sup> -CARENE	ND	ND	0.00046/0.13892	N/A
EUCALYPTOL	ND	ND	0.00047/0.13892	N/A
GERANIOL	ND	ND	0.00029/0.13892	N/A
GUAIOL	ND	ND	0.00271/0.13892	N/A
ISOPULEGOL	ND	ND	0.00054/0.13892	N/A
P-CYME	ND	ND	0.00027/0.13892	N/A

RESULTS CERTIFIED BY: DZOANA KLISARA, B.SC.  
 LABORATORY DIRECTOR, BELCOSTA LABS  
 APR 11, 2023

*Dzoana Klisara*

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.



**BCL-13: PESTICIDE TESTING BY GC/MS // APR 10, 2023**

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	0.7 µg/g	ND	0.03099/0.09385	PASS
CHLORDANE	Any amt	ND		PASS
CHLORDANE CIS		ND	0.01096/0.03323	N/A
CHLORDANE TRANS		ND	0.01049/0.0317	N/A
CHLORFENAPYR	Any amt	ND	0.02363/0.07152	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CHLORPYRIFOS	Any amt	ND	0.01102/0.03346	PASS
DICHLORVOS	Any amt	ND	0.01161/0.03517	PASS
METHYL PARATHION	Any amt	ND	0.01332/0.04036	PASS
PENTACHLORONI-TROBENZENE	0.1 µg/g	ND	0.01385/0.04201	PASS

**BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // APR 11, 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	ND	0.00373/0.01131	PASS
BIFENTHRIN	3 µg/g	ND	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	0.0228	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
PIPERONYLBUTOXIDE	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
TRIFLOXYSTROBIN	0.1 µg/g	ND	0.00354/0.01072	PASS



**BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // APR 09, 2023**

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.16969/0.59195	PASS
ACETONE	5000 µg/g	ND	19.10024/59.19495	PASS
ACETONITRILE	410 µg/g	ND	16.94949/59.19495	PASS
BENZENE	1 µg/g	ND	0.07498/0.59195	PASS
BUTANE	5000 µg/g	80.866	17.87293/59.19495	PASS
CHLOROFORM	1 µg/g	ND	0.17364/0.59195	PASS
ETHANOL	5000 µg/g	< LOQ	14.65272/59.19495	PASS
ETHYL ACETATE	5000 µg/g	ND	18.09392/59.19495	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.18942/0.59195	PASS
ETHYL ETHER	5000 µg/g	ND	15.93923/59.19495	PASS
HEPTANE	5000 µg/g	ND	13.94633/59.19495	PASS
HEXANE	290 µg/g	ND	21.47198/98.65825	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	14.79874/59.19495	PASS
METHANOL	3000 µg/g	ND	13.27151/59.19495	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.14996/0.59195	PASS
PENTANE	5000 µg/g	ND	32.63615/98.65825	PASS
PROPANE	5000 µg/g	ND	16.86267/59.19495	PASS
TOLUENE	890 µg/g	ND	9.31728/59.19495	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07893/0.59195	PASS
O-XYLENE		ND	4.412/29.59747	N/A
P- AND M-XYLENE		ND	4.0884/29.59747	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

**BCL-020: HEAVY METAL TESTING BY ICP-MS // APR 10, 2023**

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	0.2 µg/g	< LOQ	0.001/0.05	PASS
CADMIUM	0.2 µg/g	< LOQ	0.0002/0.05	PASS
LEAD	0.5 µg/g	< LOQ	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

**BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // APR 08, 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 // APR 10, 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 // APR 11, 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

- BCL-09: TERPENOID TESTING BY HS-GC/FID
- BCL-11: MYCOTOXIN TESTING BY LC-MS/MS
- BCL-13: PESTICIDE TESTING BY GC/MS
- BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS

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