

CERTIFICATE OF ANALYSIS

PRODUCED: FEB 21, 2022

SAMPLE: R*NTZ (PRE-ROLL) // CLIENT: ALKHEMIST DM LLC // BATCH: PASS
NON-INFUSED PRE-ROLL



BATCH NO.: GHFRTZ0207PR
METRC UID: 1A406030000A423000004730
MATRIX: PRE-ROLL
CATEGORY: INHALABLE
SAMPLE ID: BCL-220217-059
COLLECTED ON: FEB 17, 2022
RECEIVED ON: FEB 17, 2022
BATCH/SAMPLE SIZE: 1605 UNITS / 13 UNITS
PACKAGE SIZE: 1 G

CANNABINOID OVERVIEW

TOTAL THC:	25.22827 %
TOTAL CBD:	0.1906 %
SUM OF CANNABINOIDS:	29.04054 %

CULTIVATOR INFO

CULTIVATOR
MISSION HEALTH ASSOCIATES, INC
5601 CASITAS PASS RD
CARPINTERIA, CA 93013

LICENSE
CCL18-0003034
ADULT-USE - CULTIVATOR LICENSE

DISTRIBUTOR INFO

DISTRIBUTOR
ALKHEMIST DM LLC
1370 ESPERANZA ST, SUITE B
LOS ANGELES, CA 90023

LICENSE
C11-0000751-LIC
ADULT-USE AND MEDICINAL -
DISTRIBUTOR LICENSE



BCL-03: CANNABINOID POTENCY BY HPLC-UV // FEB 21, 2022

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.07237 %	0.7237 mg/g	0.01096/0.2491	N/A
CBCA	0.23550 %	2.3550 mg/g	0.03139/0.2491	N/A
CBD	ND	ND	0.01544/0.2491	N/A
CBDA	0.21733 %	2.1733 mg/g	0.00797/0.2491	N/A
CBDV	ND	ND	0.01196/0.2491	N/A
CBDVA	ND	ND	0.00797/0.2491	N/A
CBG	0.12230 %	1.2230 mg/g	0.01445/0.2491	N/A
CBGA	0.22507 %	2.2507 mg/g	0.00996/0.2491	N/A
CBN	0.05728 %	0.5728 mg/g	0.00797/0.2491	N/A
Δ ⁸ -THC	ND	ND	0.0289/0.2491	N/A
Δ ⁹ -THC	5.26793 %	52.6793 mg/g	0.02092/0.2491	N/A
THCA	22.75980 %	227.5980 mg/g	0.01495/0.2491	N/A
THCV	ND	ND	0.01644/0.2491	N/A
THCVA	0.08296 %	0.8296 mg/g	0.01146/0.2491	N/A
TOT THC **	25.22827 %	252.2827 mg/g		N/A
TOT CBD **	0.19060 %	1.9060 mg/g		N/A
CBD/PKG	ND			N/A
Δ ⁹ -THC/PKG	52.68 mg			N/A
TOT CBD/PKG **	1.91 mg			N/A
TOT THC/PKG **	252.28 mg			N/A

BCL-09: TERPENOID TESTING BY HS-GC/FID // FEB 19, 2022

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
TOTAL TERPENES	0.60196 %	6.0196 mg/g		N/A
LINALOOL	0.18098 %	1.8098 mg/g	0.00036/0.13487	N/A
β-CARYOPHYLLENE	0.17485 %	1.7485 mg/g	0.00185/0.13487	N/A
D-LIMONENE	0.09744 %	0.9744 mg/g	0.00024/0.13487	N/A
α-HUMULENE	0.06092 %	0.6092 mg/g	0.00045/0.13487	N/A
β-MYRCENE	0.05335 %	0.5335 mg/g	0.00037/0.13487	N/A
α-BISABOLOL	0.01997 %	0.1997 mg/g	0.00421/0.13487	N/A
β-PINENE	0.01445 %	0.1445 mg/g	0.00218/0.13487	N/A
CAMPHENE	< LOQ	< LOQ	0.00021/0.13487	N/A
α-PINENE	< LOQ	< LOQ	0.00021/0.13487	N/A
α-TERPINENE	ND	ND	0.00029/0.13487	N/A
β-OCIMENE	ND	ND	0.00048/0.09306	N/A
Δ ³ -CARENE	ND	ND	0.00044/0.13487	N/A
EUCALYPTOL	ND	ND	0.00045/0.13487	N/A
γ-TERPINENE	ND	ND	0.00046/0.13487	N/A
GERANIOL	ND	ND	0.00028/0.13487	N/A
GUAJOL	ND	ND	0.00263/0.13487	N/A
ISOPULEGOL	ND	ND	0.00053/0.13487	N/A
α-OCIMENE	ND	ND	0.0013/0.04181	N/A
P-CYMELE	ND	ND	0.00026/0.13487	N/A
TERPINOLENE	ND	ND	0.00029/0.13487	N/A

** TOTAL CBD = (CBDA X 0.877) + CBD
** TOTAL THC = (THCA X 0.877) + THC
DRY-WEIGHT AMOUNTS SHOWN



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.

RESULTS CERTIFIED BY: CODY SHEPPARD, PH.D.
SCIENCE DIRECTOR, BELCOSTA LABS
FEB 21, 2022

Cody Sheppard

REGULATORY COMPLIANCE TESTING

BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // FEB 19, 2022

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	0.01153/0.04	PASS	MALATHION	0.5 µg/g	ND	0.00472/0.02	PASS
ACEPHATE	0.1 µg/g	ND	0.00368/0.02	PASS	METALAXYL	2 µg/g	ND	0.00503/0.02	PASS
ACEQUINOCYL	0.1 µg/g	ND	0.00417/0.02	PASS	METHIOCARB	Any amt	ND	0.00503/0.02	PASS
ACETAMIPRID	0.1 µg/g	ND	0.00464/0.02	PASS	METHOMYL	1 µg/g	ND	0.00494/0.02	PASS
ALDICARB	Any amt	ND	0.01109/0.04	PASS	MEVINPHOS	Any amt	ND		PASS
AZOXYSTROBIN	0.1 µg/g	ND	0.00639/0.02	PASS	MEVINPHOS I		ND	0.00163/0.0084	N/A
BIFENAZATE	0.1 µg/g	ND	0.00355/0.02	PASS	MEVINPHOS II		ND	0.00542/0.0316	N/A
BIFENTHRIN	3 µg/g	ND	0.00473/0.04	PASS	MYCLOBUTANIL	0.1 µg/g	ND	0.00867/0.04	PASS
BOSCALID	0.1 µg/g	ND	0.00494/0.02	PASS	NALED	0.1 µg/g	ND	0.00328/0.02	PASS
CARBARYL	0.5 µg/g	ND	0.00295/0.02	PASS	OXAMYL	0.5 µg/g	ND	0.00455/0.02	PASS
CARBOFURAN	Any amt	ND	0.00613/0.02	PASS	PACLOBUTRAZOL	Any amt	ND	0.00714/0.04	PASS
CHLORANTRANIL-IPROLE	10 µg/g	ND	0.00697/0.04	PASS	PERMETHRIN	0.5 µg/g	ND		PASS
CLOFENTEZINE	0.1 µg/g	ND	0.0054/0.02	PASS	PERMETHRIN CIS		ND	0.00237/0.0082	N/A
COUMAPHOS	Any amt	ND	0.00215/0.02	PASS	PERMETHRIN TRANS		ND	0.00245/0.0118	N/A
CYFLUTHRIN	2 µg/g	ND	0.05508/0.2	PASS	PHOSMET	0.1 µg/g	ND	0.0043/0.02	PASS
CYPERMETHRIN	1 µg/g	ND	0.00556/0.04	PASS	PIPERONYLBUTOXIDE	3 µg/g	ND	0.00247/0.02	PASS
DAMINOZIDE	Any amt	ND	0.00227/0.04	PASS	PRALLETHRIN	0.1 µg/g	ND	0.00392/0.02	PASS
DIAZINON	0.1 µg/g	ND	0.00487/0.02	PASS	PROPICONAZOLE	0.1 µg/g	ND	0.0024/0.02	PASS
DIMETHOATE	Any amt	ND	0.00354/0.02	PASS	PROPOXUR	Any amt	ND	0.00374/0.02	PASS
DIMETHOMORPH	2 µg/g	ND		PASS	PYRETHRINS	0.5 µg/g	ND	0.00726/0.04	PASS
DIMETHOMORPH I		ND	0.00109/0.0078	N/A	PYRIDABEN	0.1 µg/g	ND	0.0034/0.02	PASS
DIMETHOMORPH II		ND	0.0015/0.0122	N/A	SPINETORAM	0.1 µg/g	ND		PASS
ETHOPROPHOS	Any amt	ND	0.0041/0.02	PASS	SPINETORAM J		ND	0.00329/0.016	N/A
ETOFENPROX	Any amt	ND	0.00274/0.02	PASS	SPINETORAM L		ND	0.00157/0.016	N/A
ETOXAZOLE	0.1 µg/g	ND	0.00385/0.02	PASS	SPINOSAD	0.1 µg/g	ND		PASS
FENHEXAMID	0.1 µg/g	ND	0.01055/0.02	PASS	SPINOSAD A		ND	0.00205/0.01438	N/A
FENOXYCARB	Any amt	ND	0.00175/0.02	PASS	SPINOSAD D		ND	0.00104/0.00498	N/A
FENPYROXIMATE	0.1 µg/g	ND	0.00481/0.02	PASS	SPIROMESIFEN	0.1 µg/g	ND	0.00944/0.04	PASS
FIPRONIL	Any amt	ND	0.00478/0.02	PASS	SPIROTETRAMAT	0.1 µg/g	ND	0.00208/0.02	PASS
FLONICAMID	0.1 µg/g	ND	0.00398/0.02	PASS	SPIROXAMINE	Any amt	ND	0.00344/0.02	PASS
FLUDIOXONIL	0.1 µg/g	ND	0.01369/0.04	PASS	TEBUCONAZOLE	0.1 µg/g	ND	0.00816/0.04	PASS
HEXYTHIAZOX	0.1 µg/g	ND	0.00297/0.02	PASS	THIACLOPRID	Any amt	ND	0.0039/0.02	PASS
IMAZALIL	Any amt	ND	0.0056/0.02	PASS	THIAMETHOXAM	5 µg/g	ND	0.00358/0.02	PASS
IMIDACLOPRID	5 µg/g	ND	0.00645/0.02	PASS	TRIFLOXYSTROBIN	0.1 µg/g	ND	0.00421/0.02	PASS
KRESOXIM-METHYL	0.1 µg/g	ND	0.00339/0.02	PASS					

BCL-13: PESTICIDE TESTING BY GC/MS // FEB 19, 2022

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	0.01977/0.06	PASS	CHLORPYRIFOS	Any amt	ND	0.01653/0.06	PASS
CHLORDANE	Any amt	ND		PASS	DICHLORVOS	Any amt	ND	0.01165/0.06	PASS
CHLORDANE CIS		ND	0.01199/0.03	N/A	METHYL PARATHION	Any amt	ND	0.00851/0.06	PASS
CHLORDANE TRANS		ND	0.01082/0.03	N/A	PENTACHLORONI-TROBENZENE	0.1 µg/g	ND	0.01282/0.06	PASS
CHLORFENAPYR	Any amt	ND	0.01364/0.06	PASS					



BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // FEB 19, 2022

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	ND	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	ND	17.91535/59.33544	PASS
CHLOROFORM	1 µg/g	ND	0.17405/0.59335	PASS
ETHANOL	5000 µg/g	ND	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-11: MYCOTOXIN TESTING BY LC-MS/MS // FEB 19, 2022

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		ND	0.23/4	N/A
AFLATOXIN B2		ND	0.181/4	N/A
AFLATOXIN G1		ND	0.155/4	N/A
AFLATOXIN G2		ND	0.934/4	N/A
AFLATOXINS	20 µg/kg	ND		PASS
OCHRATOXIN A	20 µg/kg	ND	0.385/4	PASS

BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM // FEB 18, 2022

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.65 Aw	0.39	PASS

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // FEB 18, 2022

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 // FEB 19, 2022

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
ESCHERICHIA COLI	Any amt in 1 gram	ND	PASS
SALMONELLA SPP.	Any amt in 1 gram	ND	PASS

BCL-020: HEAVY METAL TESTING BY ICP-MS // FEB 18, 2022

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	0.076	0.0003/0.05	PASS
MERCURY	0.1 µg/g	< LOQ	0.0001/0.01	PASS

BCL-02: MOISTURE CONTENT BY GRAVIMETRY // FEB 18, 2022

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
MOISTURE		9.20	N/A

