



CERTIFICATE OF ANALYSIS

PRODUCED: SEP 25, 2022

SAMPLE: JACK (CONCENTRATE) // CLIENT: ALKHEMIST DM LLC // BATCH: PASS



BATCH NO.: AG.J.061022.002
SRC PKG: 1A406030003DC49000009108
MATRIX: CONCENTRATE
CATEGORY: INHALABLE
SAMPLE ID: VAL-220923-003
COLLECTED ON: SEP 23, 2022
RECEIVED ON: SEP 23, 2022
BATCH/SAMPLE SIZE: 998 UNITS / 12 UNITS
SAMPLED BY: SAAM SHAHBAZI
RECEIVED BY: GERARD YAMBAO
PACKAGE SIZE: 1 G

CANNABINOID OVERVIEW

TOTAL THC:	87.2413 %
TOTAL CBD:	0 %
TOTAL CANNABINOIDS:	87.2413 %
SUM OF CANNABINOIDS:	87.2413 %

MANUFACTURER INFO

MANUFACTURER
 ALKHEMIST DM LLC
 2211 DAMON ST
 LOS ANGELES, CA 90021
LICENSE
 CDPH-10004691
 ADULT-USE AND MEDICINAL -
 MANUFACTURING LICENSE

DISTRIBUTOR INFO

DISTRIBUTOR
 ALKHEMIST DM LLC
 2211 DAMON ST
 LOS ANGELES, CA 90021
LICENSE
 C11-0001456-LIC
 ADULT-USE AND MEDICINAL -
 DISTRIBUTOR LICENSE

BATCH RESULT: PASS

POTENCY	PASS	MYCOTOXINS	PASS
FOREIGN	PASS	PESTICIDES	PASS
METALS	PASS	SOLVENTS	PASS
MICROBIAL	PASS	TERPENES	TESTED

VA/SOP-500.01: POTENCY TESTING WITH HPLC-UV // SEP 24, 2022

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC		ND	ND	6.7129/22.2857	N/A	Δ ⁹ -THC		87.2413 %	872.413 mg/g	6.7143/22.2857	N/A
CBD		ND	ND	6.5457/22.2857	N/A	THCA		< LOQ	< LOQ	6.0457/22.2857	N/A
CBDA		ND	ND	5.1543/22.2857	N/A	TOTAL THC**		87.2413 %	872.413 mg/g		N/A
CBDV		ND	ND	5.7457/22.2857	N/A	TOTAL CBD**		ND	ND		N/A
CBG	< LOQ	< LOQ		6.2457/22.2857	N/A	CBD/PKG		ND			N/A
CBGA		ND	ND	7.0200/22.2857	N/A	Δ⁹-THC/PKG		872.41 mg			PASS
CBN	< LOQ	< LOQ		5.7514/22.2857	N/A	TOTAL THC/PKG**		872.41 mg			N/A
Δ ⁸ -THC		ND	ND	6.5743/22.2857	N/A	TOTAL CBD/PKG**		ND			N/A

** TOTAL CBD = (CBDA X 0.877) + CBD
 ** TOTAL THC = (THCA X 0.877) + THC



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. THE RESULTS REPORTED ON THIS CERTIFICATE OF ANALYSIS RELATE ONLY TO THE SAMPLE ANALYZED.

RESULTS CERTIFIED BY: PAUL HAMRAH, MS,
 PHARMD
 LAB DIRECTOR, VERITY ANALYTICS
 SEP 25, 2022

VA/SOP-900.01: TERPENOID TESTING WITH GC-FID // SEP 25, 2022

ANALYTE	AMT	AMT	LOD/LOQ (µg/g)	PASS/FAIL
TOTAL TERPENES	5.0938 %	50.938 mg/g		N/A
D-LIMONENE	1.4382 %	14.382 mg/g	129.4627/388.0597	N/A
α-HUMULENE	1.3589 %	13.589 mg/g	188.6418/565.6716	N/A
TERPINOLENE	0.6706 %	6.706 mg/g	176.1791/528.3582	N/A
β-MYRCENE	0.6089 %	6.089 mg/g	135.9701/407.4627	N/A
TRANS-NEROLIDOL	0.4271 %	4.271 mg/g	65.1791/195.5224	N/A
LINALOOL	0.3118 %	3.118 mg/g	230.7313/692.5373	N/A
(-)-β-PINENE	0.2783 %	2.783 mg/g		N/A
(-)-α-BISABOLOL	ND	ND		N/A
(-)-ISOPULEGOL	ND	ND		N/A
1,8-CINEOLE	ND	ND		N/A
α-PINENE	ND	ND	59.8209/179.1045	N/A

ANALYTE	AMT	AMT	LOD/LOQ (µg/g)	PASS/FAIL
α-TERPINENE	ND	ND	114.1642/341.7910	N/A
β-CARYOPHYLLENE	ND	ND	136.9552/410.4478	N/A
CAMPHERE	ND	ND	86.3881/259.7015	N/A
CARYOPHYLLENE OXIDE	ND	ND		N/A
CIS-β-OCIMENE	ND	ND		N/A
CIS-NEROLIDOL	ND	ND	68.2239/204.4776	N/A
Δ ³ -CARENE	ND	ND	108.3284/325.3731	N/A
γ-TERPINENE	ND	ND	71.1642/213.4328	N/A
GERANIOL	ND	ND	891.7910/2676.1194	N/A
GUAIOL	ND	ND	90.9403/273.1343	N/A
P-CYMEANE	ND	ND	94.7463/283.5821	N/A
TRANS-β-OCIMENE	ND	ND		N/A

VA/SOP-610.01: RESIDUAL PESTICIDES TESTING WITH GC-MS // SEP 25, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CHLORDANE	Any amt	ND		PASS
CHLORDANE CIS		ND	0.0010/0.0800	N/A
CHLORDANE TRANS		ND	0.0010/0.0800	N/A

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CHLORFENAPYR	Any amt	ND	0.0023/0.0820	PASS
PENTACHLORONI-TROBENZENE	0.1 µg/g	ND	0.0016/0.0800	PASS

VA/SOP-600.02: RESIDUAL PESTICIDES TESTING WITH LC-MS // SEP 25, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.1 µg/g	ND	19.0000/57.0000	PASS
ACEPHATE	0.1 µg/g	ND	18.0000/56.0000	PASS
ACEQUINOCYL	0.1 µg/g	ND	27.0000/81.0000	PASS
ACETAMIPRID	0.1 µg/g	ND	6.0000/18.0000	PASS
ALDICARB	Any amt	ND	26.0000/79.0000	PASS
α-CYFLUTHRIN		ND	53.0000/161.0000	N/A
β-CYPERMETHRIN		ND	15.0000/47.0000	N/A
AZOXYSTROBIN	0.1 µg/g	ND	7.0000/23.0000	PASS
β-CYFLUTHRIN		ND	72.0000/220.0000	N/A
β-CYPERMETHRIN		ND	32.0000/97.0000	N/A
BIFENAZATE	0.1 µg/g	ND	8.0000/24.0000	PASS
BIFENTHRIN	3 µg/g	ND	14.0000/43.0000	PASS
BOSCALID	0.1 µg/g	ND	10.0000/30.0000	PASS
CAPTAN	0.7 µg/g	ND	2.0000/6.0000	PASS
CARBARYL	0.5 µg/g	ND	7.0000/21.0000	PASS
CARBOFURAN	Any amt	ND	6.0000/19.0000	PASS
CHLORANTRANIL-IPROLE	10 µg/g	ND	10.0000/32.0000	PASS
CHLORPYRIFOS	Any amt	ND	15.0000/46.0000	PASS
CLOFENTEZINE	0.1 µg/g	ND	14.0000/43.0000	PASS
COUMAPHOS	Any amt	ND	19.0000/57.0000	PASS
CYFLUTHRIN	2 µg/g	ND		PASS
CYPERMETHRIN	1 µg/g	ND		PASS
DAMINOZIDE	Any amt	ND	22.0000/65.0000	PASS
DIAZINON	0.1 µg/g	ND	10.0000/30.0000	PASS
DICHLORVOS	Any amt	ND	12.0000/37.0000	PASS
DIMETHOATE	Any amt	ND	9.0000/27.0000	PASS
DIMETHOMORPH	2 µg/g	ND	17.0000/50.0000	PASS
ETHOPROPHOS	Any amt	ND	10.0000/30.0000	PASS
ETOFENPROX	Any amt	ND	8.0000/26.0000	PASS
ETOXAZOLE	0.1 µg/g	ND	8.0000/24.0000	PASS
FENHEXAMID	0.1 µg/g	ND	23.0000/69.0000	PASS
FENOXYCARB	Any amt	ND	10.0000/32.0000	PASS
FENPYROXIMATE	0.1 µg/g	ND	12.0000/36.0000	PASS
FIPRONIL	Any amt	ND	12.0000/36.0000	PASS
FLONICAMID	0.1 µg/g	ND	10.0000/30.0000	PASS
FLUDIOXONIL	0.1 µg/g	ND	32.0000/96.0000	PASS
HEXYTHIAZOX	0.1 µg/g	ND	8.0000/24.0000	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
IMAZALIL	Any amt	ND	12.0000/37.0000	PASS
IMIDACLOPRID	5 µg/g	ND	17.0000/51.0000	PASS
KRESOXIM-METHYL	0.1 µg/g	ND	18.0000/56.0000	PASS
MALATHION	0.5 µg/g	ND	9.0000/28.0000	PASS
METALAXYL	2 µg/g	ND	9.0000/26.0000	PASS
METHIOCARB	Any amt	ND	8.0000/25.0000	PASS
METHOMYL	1 µg/g	ND	7.0000/20.0000	PASS
METHYL PARATHION	Any amt	ND	7.0000/21.0000	PASS
MEVINPHOS	Any amt	ND	8.0000/23.0000	PASS
MYCLOBUTANIL	0.1 µg/g	ND	11.0000/33.0000	PASS
NALED	0.1 µg/g	ND	11.0000/34.0000	PASS
OXAMYL	0.5 µg/g	ND	11.0000/35.0000	PASS
PACLOBUTRAZOL	Any amt	ND	10.0000/29.0000	PASS
PERMETHRIN	0.5 µg/g	ND	14.0000/43.0000	PASS
PHOSMET	0.1 µg/g	ND	9.0000/29.0000	PASS
PIPERONYLBUTOXIDE	3 µg/g	ND	12.0000/35.0000	PASS
PRALLETHRIN	0.1 µg/g	ND	24.0000/72.0000	PASS
PROPICONAZOLE	0.1 µg/g	ND	15.0000/45.0000	PASS
PROPOXUR	Any amt	ND	6.0000/18.0000	PASS
PYRETHRINS	0.5 µg/g	ND		PASS
PYRETHRINS PYRETHRIN I		ND	34.0000/102.0000	N/A
PYRETHRINS PYRETHRIN II		ND	46.0000/139.0000	N/A
PYRIDABEN	0.1 µg/g	ND	7.0000/22.0000	PASS
SPINETORAM	0.1 µg/g	ND		PASS
SPINETORAM J		ND	17.0000/52.0000	N/A
SPINETORAM L		ND	19.0000/58.0000	N/A
SPINOSAD	0.1 µg/g	ND		PASS
SPINOSAD A		ND	12.0000/35.0000	N/A
SPINOSAD D		ND	25.0000/76.0000	N/A
SPIROMESIFEN	0.1 µg/g	ND	13.0000/40.0000	PASS
SPIROTETRAMAT	0.1 µg/g	ND	8.0000/25.0000	PASS
SPIROXAMINE	Any amt	ND	7.0000/21.0000	PASS
TEBUCONAZOLE	0.1 µg/g	ND	14.0000/42.0000	PASS
THIACLOPRID	Any amt	ND	9.0000/28.0000	PASS
THIAMETHOXAM	5 µg/g	ND	11.0000/34.0000	PASS
TRIFLOXYSTROBIN	0.1 µg/g	ND	22.0000/66.0000	PASS



VA/SOP-1000.01: MICROBIAL TESTING WITH PATHOGENDX // SEP 24, 2022

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

VA/SOP-600.02: MYCOTOXINS TESTING WITH LC-MS // SEP 25, 2022

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		ND	2.0000/5.0000	N/A	AFLATOXIN G2		ND	2.0000/6.0000	N/A
AFLATOXIN B2		ND	2.0000/6.0000	N/A	AFLATOXINS	20 µg/kg	ND		PASS
AFLATOXIN G1		ND	3.0000/9.0000	N/A	OCHRATOXIN A	20 µg/kg	ND	6.0000/18.0000	PASS

VA/SOP-700.01: HEAVY METALS TESTING WITH ICP-MS // SEP 24, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	0.2 µg/g	ND	0.4118/1.2431	PASS	LEAD	0.5 µg/g	ND	1.0157/3.0745	PASS
CADMIUM	0.2 µg/g	ND	0.2941/0.8980	PASS	MERCURY	0.1 µg/g	ND	0.1529/0.4588	PASS

VA/SOP-190.01: FOREIGN MATERIAL INSPECTION WITH MICROSCOPE // SEP 25, 2022

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

VA/SOP-800.01: RESIDUAL SOLVENTS TESTING WITH GC-MS // SEP 25, 2022

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.0300/0.0860	PASS	HEXANE	290 µg/g	ND	1.8400/6.7110	PASS
ACETONE	5000 µg/g	ND	2.1400/6.7110	PASS	ISOPROPYL ALCOHOL	5000 µg/g	ND	1.9500/6.7110	PASS
ACETONITRILE	410 µg/g	ND	1.9000/6.7110	PASS	METHANOL	3000 µg/g	ND	1.4700/5.3687	PASS
BENZENE	1 µg/g	ND	0.0300/0.0860	PASS	METHYLENE CHLORIDE	1 µg/g	ND	0.0400/0.1342	PASS
BUTANE	5000 µg/g	ND	2.0500/6.7110	PASS	PENTANE	5000 µg/g	ND	2.5400/8.3886	PASS
CHLOROFORM	1 µg/g	ND	0.0300/0.1073	PASS	PROPANE	5000 µg/g	ND	2.5700/8.3886	PASS
ETHANOL	5000 µg/g	ND	1.9700/6.7110	PASS	TOLUENE	890 µg/g	ND	1.5300/5.3687	PASS
ETHYL ACETATE	5000 µg/g	ND	1.5000/5.3687	PASS	TRICHLOROETHYLENE	1 µg/g	ND	0.0300/0.0860	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.0400/0.1342	PASS	O-XYLENE		ND	0.7700/2.6800	N/A
ETHYL ETHER	5000 µg/g	ND	2.1100/6.7110	PASS	P- AND M-XYLENE		ND	0.8000/2.6800	N/A
HEPTANE	5000 µg/g	ND	1.7700/5.3687	PASS	TOTAL XYLENES	2170 µg/g	ND		PASS

