

POSEIDON'S JOINT AND MUSCLE CREAM
W/ORANGE STEM CELL
Harvest/Lot ID: # 070520
Batch#: 00019H



Atlantis Salt Cave LLC
9184 Glades Road BOCA RATON
FL, U.S.A 33434
(561) 717-4000
atlantissaltcave@outlook.com



SAMPLE: DA90716005-002

Sample is BELOW 0.3% THC
Ordered: 07/15/19 Sampled: 07/15/19
Completed: 07/19/19 Expires: 07/19/20

Image



Safety

Pesticides - Passed
Microbials - Tested
Mycotoxins - Passed
Heavy Metals - Passed
Terpenes - Tested
Residual-Solvents - Passed
Filtth - Passed
Water Activity - NOT Tested
Moisture - NOT Tested

Cannabinoids

Analyte	Weight(%)	mg/g
D9-THC	ND	ND
THCA	ND	ND
CBD	0.090	0.900
CBDA	ND	ND
CBN	0.020	0.200
CBDV	ND	ND
D8-THC	ND	ND
THCV	ND	ND
CBG	0.020	0.200
CBGA	ND	ND
CBC	0.030	0.300
TOTAL THC	ND	ND
TOTAL CBD	0.090	0.899

Cannabinoids

0.00% Total THC	0.090% Total CBD
0.00 mg THC/Container	2.70 mg CBD/Container

ND	ND	0.090	ND	0.020	ND	ND	ND	0.020	ND	0.030	ND	0.090
D9-THC	THCa	CBD	CBDA	CBN	CBDV	D8-THC	THCV	CBG	CBGa	CBC	Total THC	Total CBD

Jorge Segredo
Lab Director

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Terpenes	Test result %
ALPHA-CEDRENE	ND
ALPHA-HUMULENE	ND
ALPHA-PINENE	ND
ALPHA-TERPINENE	ND
BETA-MYRCENE	ND
BETA-PINENE	ND
BORNEOL	ND
CAMPHERE	ND
CAMPHOR	ND
CARYOPHYLLENE OXIDE	ND
CEDROL	ND
ALPHA-BISABOLOL	ND
ISOPULEGOL	ND
CIS-NEROLIDOL	ND
3-CARENE	ND
FENCHYL ALCOHOL	ND
HEXAHYDROTHYMOL	ND
EUCALYPTOL	ND
ISOBORNEOL	ND
FARNESENE	ND
FENCHONE	ND
GAMMA-TERPINENE	ND
GERANIOL	ND
GERANYL ACETATE	ND
GUAIOL	ND
LIMONENE	0.145
LINALOOL	0.050
NEROL	ND
OCIMENE	ND
ALPHA-PHELLANDRENE	ND
PULEGONE	ND
SABINENE	ND
SABINENE HYDRATE	ND
TERPINEOL	ND
TERPINOLENE	ND
TRANS-CARYOPHYLLENE	ND
TRANS-NEROLIDOL	ND
VALENCENE	ND
TOTAL	0.196

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Pesticides	LOQ	Action Level	Units	Result	Pesticides	LOQ	Action Level	Units	Result
DIMETHOATE	0.01	0.05	ppm	ND	MALATHION	0.01	0.05	ppm	ND
ABAMECTIN 81A	0.02	0.1	ppm	ND	CYPERMETHRIN	0.02	0.5	ppm	ND
PENTACHLORONITROBENZENE	0.01	0.2	ppm	ND	DAMINOZIDE	0.02	0.5	ppm	ND
METHYL PARATHION	0.05	0.2	PPM	ND	METALAXYL	0.01	0.05	ppm	ND
CYFLUTHRIN	0.05	1	PPM	ND	METHOACARB	0.05	0.1	ppm	ND
ACEPHATE	0.01	0.1	ppm	ND	METHOMYL	0.01	0.1	ppm	ND
DIMETHOMORPH	0.005	0.05	ppm	ND	DIAZANON	0.01	0.05	ppm	ND
ETHOPROPHOS	0.01	0.05	ppm	ND	MEVINPHOS	0.01	0.05	ppm	ND
ACEQUINOXYL	0.05	0.1	ppm	ND	MYCLOBUTANIL	0.01	0.1	ppm	ND
ACETAMIPRID	0.01	0.05	ppm	ND	NALED	0.01	0.25	ppm	ND
ETOFENPROX	0.01	0.05	ppm	ND	OXAMYL	0.01	0.25	ppm	ND
ALDICARB	0.02	0.05	ppm	ND	PACLOBUTRAZOL	0.01	0.05	ppm	ND
ETOXAZOLE	0.01	0.05	ppm	ND	PERMETHRINS	0.05	0.1	ppm	ND
AZOXYSTROBIN	0.01	0.05	ppm	ND	PHOSMET	0.01	0.1	ppm	ND
FENHEXAMID	0.01	0.1	ppm	ND	PIPERONYL BUTOXIDE	0.01	3	ppm	ND
BIFENAZATE	0.01	0.1	ppm	ND	PRALLETHRIN	0.05	0.1	ppm	ND
FENOXICARB	0.01	0.05	ppm	ND	PROPCONAZOLE	0.01	0.1	ppm	ND
FENPYROXIMATE	0.01	0.5	ppm	ND	PROPOXUR	0.01	0.1	ppm	ND
BIFENTHRIN	0.01	0.1	ppm	ND	PYRETHRINS (PYRETHRIN I)	0.01	0.5	ppm	ND
CARBARYL	0.01		ppm	ND	PYRIDABEN	0.01	0.2	ppm	ND
FIPRONIL	0.02	0.05	ppm	ND	SPINOSAD (SPINOSYN A)	0.01	0.1	ppm	ND
FLONICAMID	0.01	0.4	ppm	ND	SPINOSAD (SPINOSYN D)	0.01	0.1	ppm	ND
CARBOFURAN	0.01		ppm	ND	SPINOMESIFEN	0.01	0.1	ppm	ND
CHLORANTRANILIPROLE	0.01		ppm	ND	SPROTETRAMAT	0.02	0.1	ppm	ND
FLUDIOXONIL	0.01	0.1	ppm	ND	SPROXAMINE	0.01	0.05	ppm	ND
HEXYTHIAZOX	0.01	0.25	ppm	ND	TEBUCONAZOLE	0.01	0.05	ppm	ND
CHLORFENAPYR	0.01	0.05	ppm	ND	THIACLOPRID	0.01	0.05	ppm	ND
IMAZALIL	0.01	0.05	ppm	ND	THIAMETHOXAM	0.01	0.05	ppm	ND
CHLORPYRIFOS	0.01	0.1	ppm	ND	TRIFLOXYSTROBIN	0.01	0.1	ppm	ND
IMIDACLOPRID	0.01	0.1	ppm	ND					
CLOFENTEZINE	0.01	0.2	ppm	ND					
KRESOXIM-METHYL	0.01	0.1	ppm	ND					
COUMAPHOS	0.005	0.05	ppm	ND					

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Lab Director

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Residual solvent

	Action Level(ppm)	Pass/Fail	Results(ppm)
1,2-DICHLOROETHANE	2	Pass	ND
1,2-DICHLOROETHENE	8	Pass	ND
1,4-DIOXANE		Pass	ND
2-BUTANOL		Pass	ND
2-ETHOXYETHANOL		Pass	ND
2-PROPANOL		Pass	ND
ACETONE	500	Pass	192.616
ACETONITRILE	750	Pass	ND
BENZENE	60	Pass	ND
BUTANES (ISO-BUTANE)	1	Pass	ND
BUTANES (N-BUTANE)	2000	Pass	ND
CHLOROFORM		Pass	ND
ETHANOL	2	Pass	ND
ETHYL ACETATE	5000	Pass	ND
CYCLOHEXANE	400	Pass	ND
DICHLOROMETHANE		Pass	ND
ETHYL ETHER		Pass	ND
ETHYLENE OXIDE	500	Pass	ND
ETHYLBENZENE	5	Pass	ND
HEPTANE		Pass	ND
HEXANES (2,2-DIMETHYLBUTANE)	500	Pass	ND
HEXANES (2,3-DIMETHYLBUTANE)	60	Pass	ND
HEXANES (2-METHYLPENTANE)	60	Pass	ND
HEXANES (3-METHYLPENTANE)	60	Pass	ND
ISOPROPYL ACETATE	60	Pass	ND
METHYLENE CHLORIDE		Pass	ND
METHANOL	125	Pass	ND
N-HEXANE	250	Pass	ND
PENTANES (ISO-PENTANE)		Pass	ND
PENTANES (N-PENTANE)		Pass	ND
PENTANES (NEO-PENTANE)	750	Pass	ND
PROPANE		Pass	ND
TETRAHYDROFURAN	100	Pass	ND
TOLUENE		Pass	ND
TOTAL XYLENES	150	Pass	ND
TRICHLOROETHYLENE	150	Pass	ND
	25	Pass	ND

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Cannabinoid Profile Test Result-Analysis Method :SOP.T.40.020, SOP.T.30.050

Analytical Batch:DA004807

Reagent LOT ID	Dilution	Consumables Id	Reagent LOT ID	Dilution	Consumables Id
071619.R06	1	181205	071219.R17		849C4-849AK
071219.R24		SFN-BX-1025			840C6-840H

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L).

Filth and foreign Materials-Analysis Method :SOP.T.40.013

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is use for inspection.

Mycotoxin Analysis-Analysis Method :SOP.T.30.065, SOP.T.40.065

Analytical Batch:DA004776

Analyte	Results	Action Level
AFLATOXIN_G2	ND	0.02
AFLATOXIN_G1	ND	0.02
AFLATOXIN_B2	ND	0.02
AFLATOXIN_B1	ND	0.02
OCHRATOXIN_A	ND	0.02

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be <20µg/Kg. Ochratoxins must be <20µg/Kg.

Micro Analysis-Analysis method :SOP.T.40.043

Analytical Batch: DA004795

Reagent LOT/ID	Dilution	Consumables id	Results
071519.R01			
Pathogens			
ASPERGILLUS_TERREUS_1J2			not present in 1 gram.
ASPERGILLUS_NIGER			not present in 1 gram.
ASPERGILLUS_FUMIGATUS			not present in 1 gram.
ASPERGILLUS_FLAVUS			not present in 1 gram.
SALMONELLA_SPECIFIC_GENE			not present in 1 gram.
ESCHERICHIA_COLI_SHIGELLA_SPP			not present in 1 gram.

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

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Pesticide Analysis-Analysis Method:SOP.T.30.065, SOP.T.40.065

Reagent LOT/ID	Dilution	Consumables ID
071219.R13	1	181205 00268913

Reagent LOT/ID	Dilution	Consumables ID
		280653964

Analytical Batch :DA004775

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 57 Pesticides. (Method: SOP.T.30.065 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.065 Procedure for Pesticide Quantification Using LCMS).

Heavy Metals Analysis-Analysis-Method:SOP.T.40.050, SOP.T.30.052

Reagent LOT/ID	Dilution	Consumables ID
	50	

Reagent LOT/ID	Dilution	Consumables ID
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Analytical Batch: DA004781

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS.

Metal	Result	Action-Level
ARSENIC	ND	0.2
CADMIUM	ND	0.2
LEAD	ND	0.5
MERCURY	ND	0.1

Abbreviation:ppm=Parts Per Million

Residual Solvents Analysis Method:SOP.T.40.032

Reagent LOT ID	Dilution	Consumables Id
	1	00263624 161040-1

Reagent LOT ID	Dilution	Consumables Id
		24151940

Analytical Batch :DA004787

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 34 Residual solvents. (Method: SOP.T.30.042 Residual Solvents Analysis via GC-MS).

Terpenes screening-Analysis-Method:SOP.T.40.090

Reagent LOT ID	Dilution	Consumables Id
071619.R04	10	180711 U1AX005180181025

Reagent LOT ID	Dilution	Consumables Id
		850C4-850AK 910C6 - 910H

Analytical Batch :DA004777

Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography - Mass Spectrometer) which can screen 38 terpenes using Method SOP.T.40.091 Terpenoid Analysis Via GC-MS/MS.

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