



CannaSafe - LA
7027 Hayvenhurst Ave.
Van Nuys, CA 91406

(818) 922-2416
https://www.csalabs.com
Lic# C8-18-0000037-TEMP

R&D Testing

Pure Concentrate

Sample ID: 1904CSALA3065.0610
Strain: Pure Concentrate
Matrix: Concentrates & Extracts
Type: Other
Sample Size: 1 units
Batch Size:

Produced: N/A
Collected: 04/23/2019
Received: 04/23/2019
Completed: 04/25/2019
Batch#: KK0141919

Client
Blue Botanicals
Lic. #
Aliso Viejo, CA, 92656



Summary

Pass

99.93% Total Cannabinoids	Pass Pesticides	Pass Residual Solvents
Not Tested Microbials	Not Tested Mycotoxins	Not Tested Heavy Metals

Cannabinoids

Pass

Testing method: HPLC-SOP 101

Analyte	LOD	LOQ	Mass	Mass
	%	%	%	mg/g
CBD	0.00004	0.0001	99.74	997.43
CBDV	0.00001	0.0001	0.19	1.86
CBC	0.00001	0.0001	ND	ND
CBDa	0.00002	0.0001	ND	ND
CBG	0.00004	0.0001	ND	ND
CBGa	0.00002	0.0001	ND	ND
CBN	0.00002	0.0001	ND	ND
THCa	0.00002	0.0001	ND	ND
THCV	0.00004	0.0001	ND	ND
Δ8-THC	0.00004	0.0001	ND	ND
Δ9-THC	0.00004	0.0001	ND	ND
Total			99.93	999.29

ND Total THC	99.74% Total CBD
------------------------	----------------------------

Terpenes

Not Tested

Testing method: HS-GC-FID - SOP 201

NT Moisture Moisture Analyzer SOP-103	NT Water Activity Water Activity Meter SOP-102	NT Foreign Matter Visual Inspection SOP-001
--	---	--

Date Tested: 04/24/2019

Total THC = THCa * 0.877 + d9-THC

Total CBD = CBDa * 0.877 + CBD

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.



ISO / IEC 17025:2017 ACCREDITED LABORATORY
Accreditation No. 73653

Mallory Speakman
Laboratory Director - LA
04/25/2019

Anya Engen
Quality Manager
04/25/2019

The values reported pertain only to the product tested. R&D Sample Only. Tested as-is/received from client. Unless otherwise stated all Laboratory Quality Control (LQC) samples performed within specifications established by the BCC in 16 CCR section 5730. Sample tested per CALIFORNIA CODE OF REGULATIONS, TITLE 16, DIVISION 42. BUREAU OF CANNABIS CONTROL.



CannaSafe - LA
7027 Hayvenhurst Ave.
Van Nuys, CA 91406

(818) 922-2416
https://www.csalabs.com
Lic# C8-18-0000037-TEMP

R&D Testing

Pure Concentrate

Sample ID: 1904CSALA3065.0610
Strain: Pure Concentrate
Matrix: Concentrates & Extracts
Type: Other
Sample Size: 1 units
Batch Size:

Produced: N/A
Collected: 04/23/2019
Received: 04/23/2019
Completed: 04/25/2019
Batch#: KK0141919

Client
Blue Botanicals
Lic. #
Aliso Viejo, CA, 92656

Pesticides

Testing method: LCMS & GCMS-SOP 301

Pass

Analyte	LOD	LOQ	Limit	Mass	Status	Analyte	LOD	LOQ	Limit	Mass	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.018	0.059	0.1	ND	Pass	Fludioxonil	0.007	0.024	0.1	ND	Pass
Acephate	0.009	0.029	0.1	ND	Pass	Hexythiazox	0.007	0.024	0.1	ND	Pass
Acequinocyl	0.005	0.018	0.1	ND	Pass	Imazalil *	0.004	0.012	0.1	ND	Pass
Acetamiprid	0.004	0.013	0.1	ND	Pass	Imidacloprid	0.039	0.129	5.0	ND	Pass
Aldicarb *	0.004	0.013	0.1	ND	Pass	Kresoxim Methyl	0.005	0.017	0.1	ND	Pass
Azoxystrobin	0.006	0.019	0.1	ND	Pass	Malathion	0.01	0.032	0.5	ND	Pass
Bifenazate	0.004	0.014	0.1	ND	Pass	Metalaxyl	0.003	0.01	2.0	ND	Pass
Bifenthrin	0.008	0.027	3.0	ND	Pass	Methiocarb *	0.006	0.02	0.1	ND	Pass
Boscalid	0.006	0.019	0.1	ND	Pass	Methomyl	0.009	0.03	1.0	ND	Pass
Captan	0.0789	0.2631	0.7	ND	Pass	Methyl Parathion *	0.007	0.0233	0.1	ND	Pass
Carbaryl	0.005	0.015	0.5	ND	Pass	Mevinphos *	0.003	0.011	0.1	ND	Pass
Carbofuran *	0.005	0.018	0.1	ND	Pass	Myclobutanil	0.017	0.058	0.1	ND	Pass
Chlorantraniliprole	0.007	0.024	10.0	ND	Pass	Naled	0.007	0.024	0.1	ND	Pass
Chlordane *	0.0291	0.0969	0.1	ND	Pass	Oxamyl	0.003	0.009	0.5	ND	Pass
Chlorfenapyr *	0.01	0.033	0.1	ND	Pass	Paclobutrazol *	0.013	0.044	0.1	ND	Pass
Chlorpyrifos *	0.005	0.017	0.1	ND	Pass	Pentachloronitrobenzene	0.0046	0.0152	0.1	ND	Pass
Clofentezine	0.006	0.019	0.1	ND	Pass	Permethrin	0.011	0.036	0.5	ND	Pass
Coumaphos *	0.009	0.028	0.1	ND	Pass	Phosmet	0.007	0.025	0.1	ND	Pass
Cyfluthrin	0.008	0.026	2.0	ND	Pass	Piperonyl Butoxide	0.005	0.018	3.0	ND	Pass
Cypermethrin	0.013	0.044	1.0	ND	Pass	Prallethrin	0.007	0.024	0.1	ND	Pass
Daminozide *	0.021	0.07	0.1	ND	Pass	Propiconazole	0.008	0.026	0.1	ND	Pass
DDVP *	0.004	0.012	0.1	ND	Pass	Propoxur *	0.004	0.013	0.1	ND	Pass
Diazinon	0.005	0.017	0.1	ND	Pass	Pyrethrins	0.003	0.01	0.5	ND	Pass
Dimethoate *	0.003	0.011	0.1	ND	Pass	Pyridaben	0.008	0.027	0.1	ND	Pass
Dimethomorph	0.007	0.023	2.0	ND	Pass	Spinetoram	0.007	0.022	0.1	ND	Pass
Ethoprophos *	0.004	0.013	0.1	ND	Pass	Spinosad	0.005	0.016	0.1	ND	Pass
Etofenprox *	0.005	0.017	0.1	ND	Pass	Spiromesifen	0.007	0.023	0.1	ND	Pass
Etoxazole	0.006	0.018	0.1	ND	Pass	Spirotetramat	0.009	0.03	0.1	ND	Pass
Fenhexamid	0.009	0.03	0.1	ND	Pass	Spiroxamine *	0.006	0.019	0.1	ND	Pass
Fenoxycarb *	0.007	0.022	0.1	ND	Pass	Tebuconazole	0.013	0.042	0.1	ND	Pass
Fenpyroximate	0.009	0.03	0.1	ND	Pass	Thiacloprid *	0.007	0.023	0.1	ND	Pass
Fipronil *	0.017	0.056	0.1	ND	Pass	Thiamethoxam	0.004	0.013	5.0	ND	Pass
Fonicamid	0.0244	0.0814	0.1	ND	Pass	Trifloxystrobin	0.004	0.014	0.1	ND	Pass

Date Tested: 04/25/2019

* Denotes Category I pesticides, which fail when detected; LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.



ISO / IEC 17025:2017 ACCREDITED LABORATORY
Accreditation No. 73653



M. Speakman

Mallory Speakman
Laboratory Director - LA
04/25/2019

A. Engen

Anya Engen
Quality Manager
04/25/2019

The values reported pertain only to the product tested. R&D Sample Only. Tested as-is/received from client. Unless otherwise stated all Laboratory Quality Control (LQC) samples performed within specifications established by the BCC in 16 CCR section 5730. Sample tested per CALIFORNIA CODE OF REGULATIONS, TITLE 16, DIVISION 42. BUREAU OF CANNABIS CONTROL.



CannaSafe - LA
7027 Hayvenhurst Ave.
Van Nuys, CA 91406

(818) 922-2416
https://www.csalabs.com
Lic# C8-18-0000037-TEMP

R&D Testing

Pure Concentrate

Sample ID: 1904CSALA3065.0610
Strain: Pure Concentrate
Matrix: Concentrates & Extracts
Type: Other
Sample Size: 1 units
Batch Size:

Produced: N/A
Collected: 04/23/2019
Received: 04/23/2019
Completed: 04/25/2019
Batch#: KKD141919

Client
Blue Botanicals
Lic. #
Aliso Viejo, CA, 92656

Residual Solvents

Testing method: HSGCMS-SOP 202

Pass

Analyte	LOD	LOQ	Limit	Mass	Status
1,2-Dichloro-Ethane	µg/g 0.024	µg/g 0.24	µg/g 1	µg/g ND	Pass
Acetone	0.112	1.12	5000	ND	Pass
Acetonitrile	0.0196	0.196	410	ND	Pass
Benzene	0.0096	0.096	1	ND	Pass
Butane	0.2	2.0	5000	ND	Pass
Chloroform	0.0288	0.288	1	ND	Pass
Ethanol	0.112	1.12	5000	ND	Pass
Ethyl-Acetate	0.112	1.12	5000	ND	Pass
Ethylene Oxide	0.024	0.24	1	ND	Pass
Ethyl-Ether	0.112	1.12	5000	ND	Pass
Heptane	0.112	1.12	5000	ND	Pass
Isopropanol	0.112	1.12	5000	ND	Pass
Methanol	0.144	1.44	3000	ND	Pass
Methylene-Chloride	0.0288	0.288	1	ND	Pass
n-Hexane	0.1392	1.392	290	ND	Pass
Pentane	0.112	1.12	5000	ND	Pass
Propane	0.08	0.8	5000	ND	Pass
Toluene	0.4272	4.272	890	ND	Pass
Trichloroethene	0.0384	0.384	1	ND	Pass
Xylenes	1.0416	10.416	2170	ND	Pass

Date Tested: 04/25/2019

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.



ISO / IEC 17025:2017 ACCREDITED LABORATORY
Accreditation No. 73653

Mallory Speakman
Laboratory Director - LA
04/25/2019

Anya Engen
Quality Manager
04/25/2019

The values reported pertain only to the product tested. R&D Sample Only. Tested as-is/received from client. Unless otherwise stated all Laboratory Quality Control (LQC) samples performed within specifications established by the BCC in 16 CCR section 5730. Sample tested per CALIFORNIA CODE OF REGULATIONS, TITLE 16, DIVISION 42. BUREAU OF CANNABIS CONTROL.