

# Blueberry Badder

Sample ID: 2008CSALA9955.0699

Matrix: Concentrates & Extracts  
Type: Other  
Sample Size: 22 units  
Batch Size: 6931 units  
Batch#: HS031-HL-081120

Produced: 08/11/2020  
Collected: 08/17/2020  
Received: 08/18/2020  
Completed: 08/21/2020  
Test UID: 1A40603000044D1000001601  
Source UID: 1A406030000189D000003190

Distributor  
**The Hive Laboratory**  
Lic. # C11-0000356-LIC  
949 Highland Way, Grover Beach, CA, 93433

Producer  
**The Hive Laboratory LLC.**  
Lic. # CDPH-10002269  
949 Highland Way, Suite A, Grover Beach, CA  
93433



## Summary Pass

<b>79.13%</b> Total Cannabinoids	<b>Pass</b> Pesticides	<b>Pass</b> Residual Solvents
<b>Pass</b> Microbials	<b>Pass</b> Mycotoxins	<b>Pass</b> Heavy Metals

## Cannabinoids Pass

Testing method: HPLC-SOP 101

Analyte	LOD	LOQ	Results	Results
	mg/g	mg/g	%	mg/g
THCa	0.002	0.006	68.53	685.25
Δ9-THC	0.0038	0.0115	7.80	78.01
CBGa	0.0016	0.005	2.02	20.19
CBG	0.0047	0.0143	0.36	3.59
CBC	0.0009	0.0027	0.27	2.72
CBDa	0.0012	0.0037	0.15	1.49
CBD	0.0059	0.018	ND	ND
CBDV	0.0042	0.0126	ND	ND
CBN	0.0014	0.0041	ND	ND
THCV	0.0036	0.0111	ND	ND
Δ8-THC	0.0038	0.0115	ND	ND
<b>Total</b>			<b>79.13</b>	<b>791.25</b>

<b>67.90%</b> Total THC	<b>0.13%</b> Total CBD
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Date Tested: 08/20/2020

Total THC = THCa \* 0.877 + d9-THC

Total CBD = CBDa \* 0.877 + CBD

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## Terpenes Complete

Testing method: HS-GC-FID - SOP 201

Analyte	LOD	LOQ	Results	Results
	%	%	%	mg/g
β-Caryophyllene	0.006	0.0173	0.70	7.00
α-Humulene	0.006	0.0173	0.19	1.93
trans-Nerolidol	0.007	0.0219	0.09	0.93
Caryophyllene Oxide	0.029	0.0874	<LOQ	<LOQ
α-Bisabolol	0.01	0.0295	0.08	0.83
δ-Limonene	0.005	0.0159	0.08	0.78
Terpinolene	0.006	0.0168	0.07	0.67
Linalool	0.008	0.0228	0.07	0.66
β-Pinene	0.005	0.0147	0.04	0.44
α-Pinene	0.006	0.0175	0.03	0.29
β-Myrcene	0.008	0.024	0.02	0.25
Guaiol	0.011	0.0334	<LOQ	<LOQ
Camphene	0.005	0.0163	ND	ND
Eucalyptol	0.006	0.0175	ND	ND
Geraniol	0.007	0.0205	ND	ND
Isopulegol	0.009	0.0282	ND	ND
Ocimene	0.004	0.0109	ND	ND
p-Cymene	0.005	0.0162	ND	ND
α-Terpinene	0.005	0.0165	ND	ND
γ-Terpinene	0.006	0.0168	ND	ND
δ-3-Carene	0.005	0.016	ND	ND
<b>Total</b>			<b>1.48</b>	<b>14.84</b>

Date Tested: 08/19/2020

<b>NT</b> Moisture Moisture Analyzer SOP-103	<b>NT</b> Water Activity Water Activity Meter SOP-102	<b>Pass</b> Foreign Matter Visual Inspection SOP-600 Date Tested: 08/19/2020
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LABORATORY  
Accreditation No. 73653

Douglas Duncan  
Lab Director  
08/21/2020

Amanda Bravo  
Quality Review  
08/21/2020

Musa Aman  
COA Review  
08/21/2020

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 949 Highland Way, Suite A, Grover Beach, CA  
 93433

## Pesticides

Testing method: LCMS &amp; GCMS-SOP 301 and 302

Pass

Analyte	LOD	LOQ	Limit	Results	Status	Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.0009	0.003	0.1	ND	Pass	Fludioxonil	0.0143	0.048	0.1	ND	Pass
Acephate	0.005	0.017	0.1	ND	Pass	Hexythiazox	0.0237	0.079	0.1	ND	Pass
Acequinocyl	0.0193	0.064	0.1	ND	Pass	Imazalil *	0.0077	0.026	0.0077	ND	Pass
Acetamiprid	0.0073	0.024	0.1	ND	Pass	Imidacloprid	0.0053	0.018	5	ND	Pass
Aldicarb *	0.0094	0.031	0.0094	ND	Pass	Kresoxim Methyl	0.0182	0.061	0.1	ND	Pass
Azoxystrobin	0.015	0.05	0.1	ND	Pass	Malathion	0.015	0.05	0.5	ND	Pass
Bifenazate	0.0129	0.043	0.1	ND	Pass	Metalaxyl	0.0076	0.025	2	ND	Pass
Bifenthrin	0.029	0.097	3	ND	Pass	Methiocarb *	0.0103	0.034	0.0103	ND	Pass
Boscalid	0.0172	0.058	0.1	ND	Pass	Methomyl	0.0109	0.036	1	ND	Pass
Captan	0.036	0.12	0.7	ND	Pass	Methyl Parathion *	0.0091	0.0303	0.0091	ND	Pass
Carbaryl	0.0542	0.181	0.5	ND	Pass	Mevinphos *	0.0041	0.014	0.0041	ND	Pass
Carbofuran *	0.0077	0.026	0.0077	ND	Pass	Myclobutanil	0.01	0.033	0.1	ND	Pass
Chlorantraniliprole	0.0095	0.032	10	ND	Pass	Naled	0.0107	0.036	0.1	ND	Pass
Chlordane *	0.0055	0.0182	0.0055	ND	Pass	Oxamyl	0.0071	0.024	0.5	ND	Pass
Chlorfenapyr *	0.0048	0.0159	0.0048	ND	Pass	Paclobutrazol *	0.0092	0.031	0.0092	ND	Pass
Chlorpyrifos *	0.0197	0.066	0.0197	ND	Pass	Pentachloronitrobenzene	0.0084	0.0279	0.1	ND	Pass
Clofentezine	0.0216	0.072	0.1	ND	Pass	Permethrin	0.0142	0.048	0.5	ND	Pass
Coumaphos *	0.0196	0.065	0.0196	ND	Pass	Phosmet	0.0138	0.046	0.1	ND	Pass
Cyfluthrin	0.0107	0.036	2	ND	Pass	Piperonyl Butoxide	0.0156	0.052	3	ND	Pass
Cypermethrin	0.0105	0.035	1	ND	Pass	Prallethrin	0.018	0.06	0.1	ND	Pass
Daminozide *	0.0052	0.017	0.0052	ND	Pass	Propiconazole	0.013	0.043	0.1	ND	Pass
DDVP *	0.0081	0.027	0.0081	ND	Pass	Propoxur *	0.0097	0.033	0.0097	ND	Pass
Diazinon	0.0134	0.045	0.1	ND	Pass	Pyrethrins	0.0025	0.008	0.5	ND	Pass
Dimethoate *	0.0083	0.028	0.0083	ND	Pass	Pyridaben	0.0236	0.079	0.1	ND	Pass
Dimethomorph	0.0025	0.008	2	ND	Pass	Spinetoram	0.0042	0.014	0.1	ND	Pass
Ethoprophos *	0.0112	0.037	0.0112	ND	Pass	Spinosad	0.0002	0.001	0.1	ND	Pass
Etofenprox *	0.0247	0.082	0.0247	ND	Pass	Spiromesifen	0.0199	0.066	0.1	ND	Pass
Etoxazole	0.0269	0.09	0.1	ND	Pass	Spirotetramat	0.0068	0.023	0.1	ND	Pass
Fenhexamid	0.0215	0.072	0.1	ND	Pass	Spiroxamine *	0.0065	0.022	0.0065	ND	Pass
Fenoxycarb *	0.0186	0.062	0.0186	ND	Pass	Tebuconazole	0.0099	0.033	0.1	ND	Pass
Fenpyroximate	0.0253	0.084	0.1	ND	Pass	Thiacloprid *	0.0094	0.031	0.0094	ND	Pass
Fipronil *	0.0228	0.076	0.0228	ND	Pass	Thiamethoxam	0.005	0.017	5	ND	Pass
Flonicamid	0.0073	0.024	0.1	ND	Pass	Trifloxystrobin	0.0192	0.064	0.1	<LOQ	Pass

Date Tested: 08/19/2020

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


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Batch#: HS031-HL-081120	Test UID: 1A40603000044D1000001601	Lic. # C11-0000356-LIC	Lic. # CDPH-10002269
	Source UID: 1A406030000189D000003190	949 Highland Way, Grover Beach, CA, 93433	949 Highland Way, Suite A, Grover Beach, CA 93433

### Microbials

Pass

Testing method: PCR-SOP 401

Analyte	Result	Status
Aspergillus flavus	Not Detected	Pass
Aspergillus fumigatus	Not Detected	Pass
Aspergillus niger	Not Detected	Pass
Aspergillus terreus	Not Detected	Pass
Salmonella	Not Detected	Pass
Shiga toxin-producing E. Coli	Not Detected	Pass

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### Mycotoxins

Pass

Testing method: LCMS-SOP 301

Analyte	LOD	LOQ	Limit	Results	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
Aflatoxin B1	0.0036	0.012		ND	Tested
Aflatoxin B2	0.0092	0.031		ND	Tested
Aflatoxin G1	0.0058	0.019		ND	Tested
Aflatoxin G2	0.0034	0.011		ND	Tested
Total Aflatoxins			20	ND	Pass
Ochratoxin A	0.0113	0.038	20	ND	Pass

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### Heavy Metals

Pass

Testing method: ICPMS-SOP 502

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.02	0.06	0.2	ND	Pass
Cadmium	0.03	0.1	0.2	ND	Pass
Lead	0.002	0.005	0.5	0.1	Pass
Mercury	0.02	0.06	0.1	ND	Pass

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## Residual Solvents

Pass

Testing method: HSGCMS-SOP 202

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloro-Ethane	0.1	0.4	1	ND	Pass
Acetone	64.0	214.0	5000	ND	Pass
Acetonitrile	36.0	119.0	410	ND	Pass
Benzene	0.1	0.2	1	ND	Pass
Butane	42.0	141.0	5000	243	Pass
Chloroform	0.1	0.4	1	ND	Pass
Ethanol	59.0	197.0	5000	ND	Pass
Ethyl-Acetate	43.0	144.0	5000	ND	Pass
Ethylene Oxide	0.2	0.6	1	ND	Pass
Ethyl-Ether	40.0	134.0	5000	ND	Pass
Heptane	46.0	154.0	5000	ND	Pass
Isopropanol	41.0	138.0	5000	ND	Pass
Methanol	160.0	534.0	3000	ND	Pass
Methylene-Chloride	0.1	0.4	1	ND	Pass
n-Hexane	42.0	139.0	290	ND	Pass
Pentane	69.0	229.0	5000	ND	Pass
Propane	21.0	70.0	5000	ND	Pass
Toluene	47.0	156.0	890	ND	Pass
Trichloroethene	0.1	0.4	1	ND	Pass
Xylenes	86.0	287.0	2170	ND	Pass

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