

Mary Jones

Order No.: OMIELBMJ0815-0008326
1522 Western Ave
Washington, 98101

Sample: SMIELBMJ0815-IBEV-0005539

Unit Weight: 355.0000g
Sample Size: 2.0000 Units
Date Sampled: 08/15/2025 17:18
Sample Received: 08/15/2025 17:27
Report Created: 09/08/2025 16:29
Sampling SOP 204

25-MJRB-10-01 - Root Beer Jones - 10 mg
Ingestible, Beverage



Results

9.8924 mg/unit
D9-THC

0.0000 mg/unit
Total CBD

9.8924 mg/unit
Total THC

9.8924 mg/unit
Total Cannabinoids

0%
Total Terpenes

Tests Summary

Cannabinoids Tested	Moisture Not Tested	Microbials Pass
Water Activity Not Tested	Foreign Matter Pass	Terpenes Tested
Phytol Tested	Residual Solvents Pass	VEA / MCT Oil Not Tested
Mycotoxins Not Tested	Heavy Metals Pass	Pesticides Pass
Miscellaneous Tested		

Dominant Terpenes

No terpenes detected

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Cannabinoids

SOP: SOP 801, SOP 301

Instrument: HPLC 1220 Agilent -
1325

Tested

Analyte	LOQ (%)	%	mg/g	mg/unit
CBDVa	0.000	< LOQ	< LOQ	< LOQ
CBDV	0.000	ND	ND	ND
CBDa	0.000	ND	ND	ND
CBGa	0.000	ND	ND	ND
CBG	0.000	< LOQ	< LOQ	< LOQ
CBD	0.000	ND	ND	ND
THCV	0.000	ND	ND	ND
THCVa	0.000	ND	ND	ND
CBN	0.000	ND	ND	ND
D9-THC	0.000	0.0028	0.0279	9.8924
D8-THC	0.000	< LOQ	< LOQ	< LOQ
CBC	0.000	ND	ND	ND
THCa	0.000	ND	ND	ND
CBCa	0.000	ND	ND	ND
Total CBD		0.0000	0.0000	0.0000
Total THC		0.0028	0.0279	9.8924
Total Cannabinoids		0.0028	0.0279	9.8924

Report notes:

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD. LOQ = Limit of Quantitation, ND= Non-Detect; Cannabinoid potency values are reported by percentage of dry weight determined via loss on drying; Unless otherwise stated all quality control samples performed within specification established by the Laboratory.

Microbials

SOP: SOP 401-MI, SOP 425, SOP
418-MI

Date/Time Tested: 08/19/2025
11:19

Pass

Analyte	Limit (CFU/g)	CFU/g	Status
Coliforms	100	ND	Passed
Salmonella	0	ND	Passed
Aspergillus Flavus	0	ND	Passed
Aspergillus Fumigatus	0	ND	Passed
Aspergillus Niger	0	ND	Passed
Aspergillus Terreus	0	ND	Passed
Aspergillus Species	0	ND	Passed
STEC E. Coli	0	ND	Passed
Yeast & Mold QL	10,000	ND	Passed

Report notes:

TNTC = Too Numerous to Count, ND= Non-Detect; Unless otherwise stated all quality control samples performed within specification established by the Laboratory

Foreign Matter

SOP: SOP 203-MI

Date/Time Tested: 08/18/2025
12:17

Pass

Analyte	Limit (%)	%	Status
FM Stems	5.00	0.00	Passed
FM Organic	2.00	0.00	Passed
FM Inorganic		Absent	Passed

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Terpenes

SOP: SOP 603-MI

Instrument: GCFID 8890 Agilent - 2603

Date/Time Tested: 08/16/2025 11:53

Tested

Analyte	LOQ (%)	mg/g	%
a-Pinene	0.0082	ND	ND
Camphene	0.0082	ND	ND
Sabinene	0.0082	ND	ND
b-Pinene	0.0082	ND	ND
b-Myrcene	0.0082	ND	ND
a-Phellandrene	0.0082	ND	ND
d-3-Carene	0.0082	ND	ND
a-Terpinene	0.0082	ND	ND
Limonene	0.0082	ND	ND
p-Cymene	0.0082	ND	ND
Eucalyptol	0.0082	ND	ND
g-Terpinene	0.0082	ND	ND
Terpinolene	0.0082	ND	ND
Fenchol	0.0082	ND	ND
Sabinene Hydrate	0.0164	ND	ND
Linalool	0.0082	ND	ND
Fenchone	0.0082	ND	ND
Isopulegol	0.0082	ND	ND
Camphor	0.0082	ND	ND
Isoborneol	0.0082	ND	ND
DL-Menthol	0.0082	ND	ND
Borneol	0.0082	ND	ND
Terpineol	0.0082	ND	ND
Nerol	0.0082	ND	ND
r-Pulegone	0.0082	ND	ND
Geranyl Acetate	0.0082	ND	ND
a-Cedrene	0.0082	ND	ND
b-Caryophyllene	0.0082	ND	ND
a-Humulene	0.0082	ND	ND
Valencene	0.0082	ND	ND
cis-Nerolidol	0.0082	ND	ND
trans-Nerolidol	0.0082	ND	ND
Guaiol	0.0082	ND	ND
Caryophyllene Oxide	0.0082	ND	ND
Cedrol	0.0082	ND	ND
a-Bisabolol	0.0082	ND	ND
m-Cymene	0.0082	ND	ND
trans-b-Ocimene	0.0082	ND	ND
cis-b-Ocimene	0.0082	ND	ND
o-Cymene	0.0082	ND	ND



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Analyte	LOQ (%)	mg/g	%
a-Thujone	0.0082	ND	ND
Menthone	0.0082	ND	ND
Terpinen-4-ol	0.0082	ND	ND
Isomenthone	0.0082	ND	ND
Safranal	0.0082	ND	ND
Citronellol	0.0082	ND	ND
Octyl Acetate	0.0082	ND	ND
Verbenone	0.0082	ND	ND
d-Valerolactam	0.0082	ND	ND
cis-Citral	0.0082	ND	ND
Thymol	0.0082	ND	ND
s-Carvone	0.0082	ND	ND
Carvacrol	0.0164	ND	ND
trans-b-Farnesene	0.0082	ND	ND
Farnesol	0.0082	ND	ND
Phytane	0.0082	ND	ND
Nootkatone	0.0082	ND	ND
Total Terpenes		ND	ND

Report notes:

LOQ = Limit of Quantitation, ND= Non-Detect; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specification established by the Laboratory. Terpene analysis result is an estimate as the sample response is typically outside the standard curve linear response.



Brad Cavinder

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Laboratory Manager

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Phytol

SOP: SOP 806-MI

Instrument: LC-2030-LCMS-8050 Shimadzu - 1691

Analyte

LOQ (ppm)

%

Analyte	LOQ (ppm)	%
Phytol	1,055.92	ND

Tested

Residual Solvents

SOP: SOP 601-MI

Instrument: HS-GC-MS 7697-7890-5977 Agilent - 1260

Analyte

LOQ (ppm)

Limit (ppm)

ppm

Status

1,2-Dichloroethane	0	5	ND	Passed
Acetone	3	5,000	ND	Passed
Acetonitrile	2	410	ND	Passed
Benzene	0	2	ND	Passed
n-Butane	26	5,000	ND	Passed
Chloroform	0	60	ND	Passed
Ethanol	3	5,000	ND	Passed
Ethyl Acetate	4	5,000	ND	Passed
Ethyl Ether	5	5,000	ND	Passed
Ethylene Oxide	0	50	ND	Passed
Heptane	8	5,000	ND	Passed
n-Hexane	13	290	ND	Passed
Isopropyl Alcohol	1	5,000	ND	Passed
Isobutane	26	5,000	ND	Passed
Methanol	5	3,000	ND	Passed
Methylene Chloride	0	600	ND	Passed
Propane	10	5,000	ND	Passed
Toluene	4	890	ND	Passed
Trichloroethylene	0	80	ND	Passed
Xylenes	11	2,170	ND	Passed
Neopentane	13	5,000	ND	Passed
Isopentane	26	5,000	ND	Passed
n-Pentane	14	5,000	ND	Passed
2,2-Dimethyl-Butane	14	290	ND	Passed
2,3-Dimethyl-Butane	14	290	ND	Passed
2-Methyl-Pentane	258	290	ND	Passed
3-Methyl-Pentane	14	290	ND	Passed
Total Butanes	7	5,000	ND	Passed
Total Hexanes	3	290	ND	Passed
Total Pentanes	4	5,000	ND	Passed

Report notes:

ND= Non-Detect

Pass



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Heavy Metals

SOP: SOP 901-MI, SOP 914

Instrument: ICPMS 7850 Agilent - 1933

Pass

Analyte	LOQ (ppm)	Limit (ppm)	ppm	Status
Arsenic	0.074	1.500	ND	Passed
Cadmium	0.074	0.500	ND	Passed
Chromium	0.074	2.000	ND	Passed
Copper	0.739		ND	Tested
Mercury	0.074	3.000	ND	Passed
Nickel	0.222		ND	Tested
Lead	0.222	0.500	ND	Passed

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Pesticides

SOP: SOP 804-MI, SOP 814-MI

Instrument: LCMS 1260-6470 Agilent - 2300 / GCMS 7890-7010 Agilent - 1254

Pass

Analyte	LOQ (ppm)	Limit (ppm)	ppm	Status
Abamectin	0.25	0.5	ND	Passed
Acephate	0.2	0.4	ND	Passed
Acequinocyl	1	2	ND	Passed
Acetamiprid	0.1	0.2	ND	Passed
Aldicarb	0.2	0.4	ND	Passed
Azoxystrobin	0.1	0.2	ND	Passed
Bifenazate	0.1	0.2	ND	Passed
Bifenthrin	0.1	0.2	ND	Passed
Boscalid	0.2	0.4	ND	Passed
Carbaryl	0.1	0.2	ND	Passed
Carbofuran	0.1	0.2	ND	Passed
Chlorantraniliprole	0.1	0.2	ND	Passed
Chlorpyrifos	0.1	0.2	ND	Passed
Clofentezine	0.1	0.2	ND	Passed
Cyfluthrin	0.5	1	ND	Passed
Cypermethrin	0.5	1	ND	Passed
Daminozide	0.5	1	ND	Passed
Diazinon	0.1	0.2	ND	Passed
Dichlorvos	0.5	1	ND	Passed
Dimethoate	0.1	0.2	ND	Passed
Ethoprophos	0.1	0.2	ND	Passed
Etofenprox	0.2	0.4	ND	Passed
Etoxazole	0.1	0.2	ND	Passed
Fenoxycarb	0.1	0.2	ND	Passed
Fenpyroximate	0.2	0.4	ND	Passed
Fipronil	0.2	0.4	ND	Passed
Flonicamid	0.5	1	ND	Passed
Fludioxonil	0.2	0.4	ND	Passed
Hexythiazox	0.5	1	ND	Passed
Imazalil	0.1	0.2	ND	Passed
Imidacloprid	0.2	0.4	ND	Passed
Kresoxim Methyl	0.2	0.4	ND	Passed
Malathion	0.1	0.2	ND	Passed
Metaxyl	0.1	0.2	ND	Passed
Methiocarb	0.1	0.2	ND	Passed
Methomyl	0.2	0.4	ND	Passed
MGK-264	0.1	0.2	ND	Passed
Myclobutanil	0.1	0.2	ND	Passed
Naled	0.25	0.5	ND	Passed
Oxamyl	0.5	1	ND	Passed



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Analyte	LOQ (ppm)	Limit (ppm)	ppm	Status
Paclobutrazol	0.2	0.4	ND	Passed
Permethrin	0.1	0.2	ND	Passed
Phosmet	0.1	0.2	ND	Passed
Prallethrin	0.1	0.2	ND	Passed
Propiconazole	0.2	0.4	ND	Passed
Propoxur	0.1	0.2	ND	Passed
Pyrethrins	0.5	1	ND	Passed
Pyridaben	0.1	0.2	ND	Passed
Spinosyn AD	0.1	0.2	ND	Passed
Spiromesifen	0.1	0.2	ND	Passed
Spirotetramat	0.1	0.2	ND	Passed
Spiroxamine	0.2	0.4	ND	Passed
Tebuconazole	0.2	0.4	ND	Passed
Thiacloprid	0.1	0.2	ND	Passed
Thiamethoxam	0.1	0.2	ND	Passed
Trifloxystrobin	0.1	0.2	ND	Passed
Methyl Parathion	0.1	0.2	ND	Passed
Chlorfenapyr	0.5	1	ND	Passed

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Miscellaneous

SOP: SOP 104-MI

Date/Time Tested: 08/16/2025 20:44

Analyte

pH

Tested

Result

3.94 ph



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