

## M00001998207: Root Beer Slushie Buds

METRC Sample: 1A40A0300004845000041465; METRC Manifest: 0002772361; Metrc Source ID: 1A40A0300004845000041309

**Sample ID: 2502ANS0471-3595**

Produced: 01/27/2025

Client

**Smyth Cannabis**

Lic. # MC281411

181 Stedman St

Lowell, MA 01851

Strain: Root Beer Slushie  
Plant, Flower - Cured, Finished Plant Material, Plant Material, All uses  
Batch ID: 41309RBS

Sample Size: 7.77 g

COC #: 2502ANS0471; Number of Servings: ; Growth Material: Coco Coir; Extraction Solvent: None; Remediated: No; Revision Notes: ; Amended: No; Sample Condition: Intact;



### Summary

Test	Date Tested	Result
Cannabinoids	03/04/2025	Complete
Moisture		NR - Complete
Water Activity		NR - Complete
Terpenes	03/03/2025	Complete
Microbials	02/28/2025	Pass
Mycotoxins	03/03/2025	Pass
Pesticides	03/03/2025	Pass
Heavy Metals	03/03/2025	Pass
Product Approved		May be dispensed for all uses

Moisture analyzed per SOP-004

Instrument ID: WA-1  
Water Activity analyzed per SOP-020. NT= Not Tested, NR = Not Reported.

### Cannabinoids

Complete

**24.721%**

Total Active THC

**ND**

Total Active CBD

**26.277%**

Total Active Cannabinoids

Analyte	LOD	LOQ	Result	Result	Qualifiers
	%	%	%	mg/g	
THCa	0.00002	0.00010	27.362	273.616	
Δ9-THC	0.00002	0.00010	0.725	7.245	
Δ8-THC	0.00002	0.00010	ND	ND	
THCVa	0.00002	0.00010	0.194	1.938	
THCV	0.00001	0.00010	ND	ND	
CBDa	0.00001	0.00010	ND	ND	
CBD	0.00001	0.00010	ND	ND	
CBDVa	0.00001	0.00010	ND	ND	
CBDV	0.00001	0.00010	ND	ND	
CBNa	0.00004	0.00010	ND	ND	
CBN	0.00002	0.00010	ND	ND	
CBGa	0.00001	0.00010	1.581	15.810	
CBG	0.00002	0.00010	ND	ND	
CBCa	0.00004	0.00010	ND	ND	
CBC	0.00001	0.00010	ND	ND	
CBL	0.00003	0.00010	ND	ND	
CBT	0.00002	0.00010	ND	ND	
<b>Total Available THC</b>			<b>28.086</b>	<b>280.861</b>	
<b>Total Active THC</b>			<b>24.721</b>	<b>247.207</b>	
<b>Total Available CBD</b>			<b>ND</b>	<b>ND</b>	
<b>Total Active CBD</b>			<b>ND</b>	<b>ND</b>	
<b>Total Available Cannabinoids</b>			<b>29.861</b>	<b>298.609</b>	
<b>Total Active Cannabinoids</b>			<b>26.277</b>	<b>262.771</b>	

Entered by: 70; Instrument ID: 5; Date Tested: 03/04/2025;

Cannabinoids analyzed by SOP-009. LOD= Limit of Detection, LOQ = Limit of Quantitation, ND = Not Detected. Total Available THC = Δ9-THC + THCa. Total Active THC = Δ9-THC + (THCa0.877). Total Available CBD = CBD + CBDA. Total Active CBD = CBD + (CBDA0.877). Total Active Cannabinoids = THCa0.877 + Δ9-THC + Δ8-THC + THCVa0.877 + THCV + CBDA 0.877 + CBD + CBDV + CBDVa 0.877 + CBNA0.877 + CBN + CBGA0.877 + CBG + CBCa\*0.877 + CBC + CBL + CBT. Total Available Cannabinoids = sum of all detected cannabinoids.



Accreditation #104289

*Ryan Picard*

Ryan Picard  
Lab Director  
03/05/2025

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Client

Strain: Root Beer Slushie

Completed: 03/05/2025

**Smyth Cannabis**

Plant, Flower - Cured, Finished Plant Material, Plant

Expiration: 03/05/2026

Lic. # MC281411

Material, , All uses

Batch ID: 41309RBS

181 Stedman St

Lowell, MA 01851

Sample Size: 7.77 g

COC #: 2502ANS0471; Number of Servings: ; Growth Material: Coco Coir; Extraction Solvent: None; Remediated: No; Revision Notes: ; Amended: No; Sample Condition: Intact;

## Terpenes

Analyte	CAS #	LOD	LOQ	Result	Result	Qualifiers
		%	%	%	mg/g	
d-Limonene		0.00002	0.0001	0.49	4.894	
β-Caryophyllene		0.00002	0.0001	0.23	2.349	
Linalool		0.00002	0.0001	0.18	1.843	
α-Humulene		0.00002	0.0001	0.10	0.983	
Nerolidol		0.00001	0.0001	0.09	0.890	
β-Pinene		0.00001	0.0001	0.08	0.841	
β-Myrcene		0.00001	0.0001	0.06	0.622	
(+)-Fenchol		0.00003	0.0001	0.05	0.544	
α-Pinene		0.00001	0.0001	0.05	0.490	
α-Terpineol		0.00003	0.0001	0.04	0.378	
trans-Farnesol		0.00002	0.0001	0.03	0.324	
cis-Farnesol		0.00002	0.0001	0.03	0.295	
α-Bisabolol		0.00002	0.0001	0.02	0.182	
Citronellol		0.00001	0.0001	0.01	0.138	
Camphene		0.00001	0.0001	0.01	0.135	
β-Farnesene		0.00003	0.0001	0.01	0.085	
Terpinolene		0.00001	0.0001	0.01	0.074	
(-)-alpha-Thujone		0.00002	0.0001	ND	ND	
3-Carene		0.00001	0.0001	ND	ND	
α-Cedrene		0.00001	0.0001	ND	ND	
α-Terpinene		0.00001	0.0001	ND	ND	
β-Cedrene		0.00001	0.0001	ND	ND	
Camphor		0.00002	0.0001	ND	ND	
Caryophyllene Oxide		0.00002	0.0001	ND	ND	
Cedrol		0.00002	0.0001	ND	ND	
cis-Ocimene		0.00001	0.0001	ND	ND	
(S)-(+)-Carvone		0.00002	0.0001	ND	ND	
delta-Valerolactam		0.00002	0.0005	ND	ND	
<b>Total</b>				<b>1.51</b>	<b>15.065</b>	

## Primary Aromas

 Orange	 Cinnamon	 Lavender	 Hops	 Apple
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Entered by: 26

Instrument ID: GC-1

Date Tested: 03/03/2025

LOD= Limit of Detection, LOQ = Limit of Quantitation. Terpenes analyzed by SOP-010. Nerolidol = Sum of Cis and Trans-Nerolidol.



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Lab Director  
03/05/2025

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## Terpenes

Analyte	CAS #	LOD	LOQ	Result	Result	Qualifiers
		%	%	%	mg/g	
Eucalyptol		0.00001	0.0001	ND	ND	
γ-Terpinene		0.00002	0.0001	ND	ND	
Geraniol		0.00001	0.0001	ND	ND	
Geranyl Acetate		0.00002	0.0001	ND	ND	
Isobornyl Acetate		0.00002	0.0001	ND	ND	
(-)-Fenchone		0.00002	0.0001	ND	ND	
m-Cymene		0.00002	0.0001	ND	ND	
Menthol		0.00003	0.0001	ND	ND	
L-Menthone		0.00002	0.0001	ND	ND	
Nerol		0.00002	0.0001	ND	ND	
Nootkatone		0.00002	0.0001	ND	ND	
o-Cymene		0.00002	0.0001	ND	ND	
(-)-Isopulegol		0.00002	0.0001	ND	ND	
(+)-Borneol		0.00002	0.0001	ND	ND	
(-)-Guaial		0.00002	0.0001	ND	ND	
Phytane		0.00002	0.0001	ND	ND	
Piperitone		0.00002	0.0001	ND	ND	
R-(-)-α-Phellandrene		0.00001	0.0001	ND	ND	
(+)-Pulegone		0.00002	0.0001	ND	ND	
p-Cymene		0.00001	0.0001	ND	ND	
Sabinene		0.00009	0.0001	ND	ND	
Sabinene Hydrate		0.00002	0.0001	ND	ND	
Safranal		0.00002	0.0001	ND	ND	
Terpinen-4-ol		0.00001	0.0001	ND	ND	
Thymol		0.00002	0.0001	ND	ND	
trans-Citral		0.00002	0.0001	ND	ND	
trans-Ocimene		0.00001	0.0001	ND	ND	
Valencene		0.00002	0.0001	ND	ND	
<b>Total</b>				<b>1.51</b>	<b>15.065</b>	

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## Pesticides

Pass

Analyte	LOD	LOQ	Limit	Result	Qualifiers	Status
	PPB	PPB	PPB	PPB		
Bifenazate	0.1400	0.2500	10.0000	<5.95		Pass
Bifenthrin	0.0040	0.0250	10.0000	<5.36		Pass
Cyfluthrin	0.0050	0.0250	10.0000	<5.36		Pass
Etoazole	0.1630	0.2500	10.0000	<5.95		Pass
Imazalil	0.1730	0.2500	10.0000	<5.95		Pass
Imidacloprid	0.0840	0.2500	10.0000	<5.95		Pass
Myclobutanil	0.1450	0.2500	10.0000	<5.95		Pass
Spiromesifen	0.1600	0.2500	10.0000	<5.95		Pass
Trifloxystrobin	0.1330	0.2500	10.0000	<5.95		Pass

Entered by: 10

Instrument ID 1: LCMS-3

Instrument ID 2: GCMS-4

Date Tested (LC): 03/03/2025

Date Tested (GC): 03/04/2025

LOD= Limit of Detection, LOQ = Limit of Quantitation. Pesticides analyzed by SOP-008



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Material, All uses

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### Microbials

Pass

Analyte	Limit	Results	Qualifiers	Status
	CFU/g	CFU/g		
(ECPT) E. coli (O157)	Not Detected in 1g	Not Detected		Pass
(SPT) Salmonella	Not Detected in 1g	Not Detected		Pass
(AC) Total Viable Aerobic Bacteria	100000	<100		Pass
(YM) Total Yeast & Mold	10000	<100		Pass
(EB) Total Bile-Tolerant Gram Negative Bacteria	1000	<100		Pass
(CC) Total Coliforms	1000	<100		Pass
Hop-Latent Viroid	1	NR		NT
Cannabis Cryptic Virus	1	NR		NT
Lettuce Chlorosis Virus	1	NR		NT

Entered by: 53

Instrument ID: PCR-2

Date Tested: 02/28/2025

Plating of Total Aerobic bacteria, Bile-Tolerant Gram-negative bacteria, total Coliforms, and total yeast & mold are analyzed by SOP-006. Shiga Toxin-Producing Escherichia coli and Salmonella spp. are analyzed by SOP-019. Viruses analyzed by SOP-016, are non-compliant, and NOT ISO accredited. NR = Not Reported, NT = Not Tested, TNTC = Too Numerous To Count.

### Mycotoxins

Pass

Analyte	LOD	LOQ	Limit	Results	Qualifiers	Status
	ug/kg	ug/kg	ug/kg	ug/kg		
Total Aflatoxins	0.1	0.2	20.0	ND		Pass
Ochratoxin A	0.1	0.5	20.0	ND		Pass

Entered by: 10

Instrument ID: LCMS-3

Date Tested: 02/28/2025

LOD= Limit of Detection, LOQ = Limit of Quantitation. Mycotoxins analyzed by SOP-008.

### Heavy Metals

Pass

Analyte	LOD	LOQ	Limit	Results	Qualifiers	Status
	ug/kg	ug/kg	ug/kg	ug/kg		
Arsenic	0.177	0.500	200.000	ND		Pass
Cadmium	0.139	0.500	200.000	ND		Pass
Lead	0.046	0.500	500.000	ND		Pass
Mercury	0.031	0.200	100.000	ND		Pass

Entered by: 55

Instrument ID: ICPMS-2

Date Tested: 02/28/2025

LOD = Limit of Detection, LOQ = Limit of Quantitation. Heavy Metals analyzed by SOP-005



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