





Customer: R & R  
Address: Aurora, CO 80011

Sample ID: R&R 30mg Broad Spectrum THC-Free CBD Infused Gummy Lot 2802B  
Matrix: Edible  
Labnumber: 2210113-01 Total mass or volume per unit (g or mL): 9.483

## Terpene Profile

Test Conditions: 18°C  
Extraction Technician: SH  
Analytical Chemist: CB

Extraction Date(s)	Analysis Date(s)
11/23/2022	11/23/2022

Terpene (GC/MS)	Results	Terpene (GC/MS)	Results
	ug/g		ug/g
alpha-Pinene		Isoborneol	
Camphene		Hexahydrothymol	
Sabinene		(+)-Borneol and (-)-Borneol	
beta-Myrcene		alpha-Terpineol	
beta-Pinene		gamma-Terpineol	
p-Mentha-1,5-diene		Nerol	
(1S)-(+)-3-Carene		Geraniol	
alpha-Terpinene		(+)-Pulegone	
Ocimene Peak 1		Geranyl Acetate	
(R) - (+)-Limonene		alpha-Cedrene	
Ocimene Peak 2		trans-Caryophyllene	
Eucalyptol (1,8-Cineole)		alpha-Humulene	
gamma-Terpinene		Valencene	
Sabinene Hydrate		cis-Nerolidol	
Terpinolene		trans-Nerolidol	
Linalool		Guaial	
(+)-Fenchone and L(-)-Fenchone		(-)-Caryophyllene Oxide	
(1R)-Endo-(+)-Fenchyl		(+)-Cedrol	
(-)-Isopulegol		(-)-alpha-Bisabolol (Levomenol)	
Camphor and (1S)-(-)-Camphor			

Blank results indicate the compound was below the limit of detection.

- |                              |                                |                              |                                 |
|------------------------------|--------------------------------|------------------------------|---------------------------------|
| alpha-Pinene                 | (R) - (+)-Limonene             | Camphor and (1S)-(-)-Camphor | alpha-Cedrene                   |
| Camphene                     | Ocimene Peak 2                 | Isoborneol                   | trans-Caryophyllene             |
| Sabinene                     | Eucalyptol (1,8-Cineole)       | Hexahydrothymol              | alpha-Humulene                  |
| beta-Myrcene                 | gamma-Terpinene                | (+)-Borneol and (-)-Borneol  | Valencene                       |
| beta-Pinene                  | Sabinene Hydrate               | alpha-Terpineol              | cis-Nerolidol                   |
| beta-Pinene and beta-Myrcene | Terpinolene                    | gamma-Terpineol              | trans-Nerolidol                 |
| p-Mentha-1,5-diene           | Linalool                       | Nerol                        | Guaial                          |
| (1S)-(+)-3-Carene            | (+)-Fenchone and L(-)-Fenchone | Geraniol                     | (-)-Caryophyllene Oxide         |
| alpha-Terpinene              | (1R)-Endo-(+)-Fenchyl          | (+)-Pulegone                 | (+)-Cedrol                      |
| Ocimene Peak 1               | (-)-Isopulegol                 | Geranyl Acetate              | (-)-alpha-Bisabolol (Levomenol) |

Reporting limit is roughly 100 ug/g depending on amount extracted.

**Gary Brook - Laboratory Director - 12/8/2022**

Reporting Limits will vary based on sample extraction weight used for the analysis.

The results of this report are based solely on the sample submitted and cannot be reproduced. Decision Rule: Measurement uncertainty is not accounted for in the reported values.

Results are based solely on calculated numbers. Altitude Consulting makes no Statements of conformity. Pesticide, metal, and microbial analyses are subcontracted to ISO

17025 laboratories.



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## Residual Solvents Profile

Test Conditions: 18°C  
Extraction Technician: SH  
Analytical Chemist: CB

Extraction Date(s)	Analysis Date(s)
11/23/2022	11/23/2022

Residual Solvents (GC/MS)	Results
	ug/g
Propane	<23.8
Isobutane	<23.8
Methanol	<23.8
Butane	<23.8
Isopropanol	<23.8
Ethanol	<23.8
2-Methyl Butane	<23.8
Acetonitrile	<23.8
Acetone	<23.8
n-Pentane	<23.8
n-Hexane	<11.9
Tetrahydrofuran	<23.8
Benzene	<0.238
n-Heptane	<23.8
Toluene	<23.8
Ethylbenzene	<23.8
m+p Xylene	<23.8
o-Xylene	<23.8

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Sample ID: R&R 30mg Broad Spectrum THC-Free CBD Infused Gummy Lot 2802B  
Matrix: Edible  
Labnumber: 2210113-04

## Pesticide Profile

Test Conditions: °C  
Extraction Technician: HEA  
Analytical Chemist: MLC

Extraction Date(s)	Analysis Date(s)
12/5/2022	12/6/2022

Pesticides (LC/MS/MS)	Results	LOD	Pesticides (LC/MS/MS)	Results	LOD
	ppm	ppm		ppm	ppm
Acephate		0.207	Acequinocyl		1.04
Acetamiprid		0.104	Aldicarb		0.207
Azoxystrobin		0.104	Bifenthrin		0.104
Boscalid		0.207	Carbaryl		0.104
Carbofuran		0.104	Chlorpyrifos		0.104
Diazinon		0.104	Dimethoate		0.104
Ethoprophos		0.104	Etofenprox		0.207
Etoxazole		0.104	Fenoxycarb		0.104
Fenpyroximate E		0.207	Fonicamid		0.518
Fludioxonil		0.207	Hexythiazox		0.518
Imazalil		0.104	Imidacloprid		0.207
Kresoxim-methyl		0.207	Malathion		0.104
Metalaxyl		0.104	Methiocarb		0.104
Methomyl		0.207	Myclobutanil		0.104
Naled		0.259	Oxamyl		0.518
Piperonyl butoxide		1.04	Propiconazole		0.207
Propoxure		0.104	Spiromesifen		0.104
Spirotetramat		0.104	Spiroxamine		0.207
Tebuconazole		0.207	Thiacloprid		0.104
Thiamethoxam		0.104	Trifloxystrobin		0.104
Abamectin		0.259	Bifenazate		0.104
Chlorantraniliprole		0.104	Clofentezine		0.104
Cyfluthrin		1.04	Cypermethrin		0.518
Daminozide		0.518	DDVP (Dichlorvos)		0.052
Fipronil		0.207	Paclobutrazol		0.207
Permethrins		0.104	Phosmet		0.104
Prallethrin		0.104	Pyrethrins		0.518
Pyridaben		0.104	Spinosad		0.104
Chlorfenapyr		1.04			

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**Labnumber:** 2210113-04

## Metals Profile

Test Conditions: °C

Extraction Technician: HEA

Analytical Chemist: KSG

Extraction Date(s)

12/5/2022

Analysis Date(s)

12/7/2022

Metals (ICP/MS)	Method Code	Results	Units
Arsenic	ICPMS	<0.100	ppm
Cadmium	ICPMS	<0.100	ppm
Lead	ICPMS	<0.250	ppm
Mercury	ICPMS	<0.100	ppm

Limits for metals vary greatly depending on usage of the sample. Altitude Consulting recommends researching federal and state regulatory limits.

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## Microbial Profile

**Test Conditions:** °C

**Extraction Technician:** OMS

**Analytical Chemist:** TCJ

**Extraction Date(s)**

12/1/2022

**Analysis Date(s)**

12/4/2022

Microbials	Method Code	Results	Units
Salmonella	PCR	Not Detecte	per gram
Total Coliform	PetriFilms	<10.0	cfu/g
Aspergillus	PCR	Not Detecte	per gram
E. coli	PetriFilms	<10.0	cfu/g
Yeast	PetriFilms	<10.0	cfu/g
Mold	PetriFilms	<10.0	cfu/g

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