



# IEH Analytical Laboratories

3927 Aurora Avenue North, Seattle, WA 98103 | (206) 632-2715

## Cannabinoid Profile by HPLC-UV/Vis

Results of Analysis by SOP O-036 based on Swift, et al

### Sample Information

**Client ID:** Relief Gummy 9209151

**Batch ID:** 9209151

**Comments:**

### Client Information

**Client:** Receptra Naturals

**Contact:** Quality Director

### Laboratory Information

**Workorder:** PBL-S1185-467

**Date of Receipt:** 1/17/2023

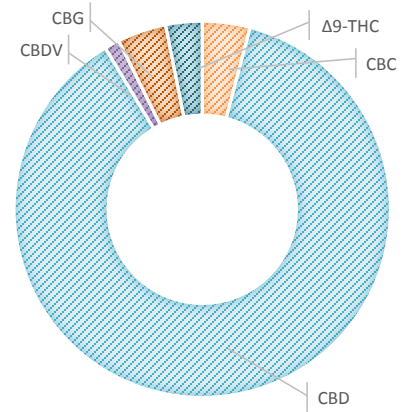
**Date of Report:** 2/14/2023

**Authorized Analyst(s):** DG

**Report Reviewed by:** DMR

**Report Approved by:** DG

Analyte	LOQ (mg/g)	Concentration (%)	Concentration (mg/g)
CBC	0.005	0.030	0.297
CBCA	NT	NT	NT
CBD	0.005	0.63	6.32
CBDA	0.005	<LOQ	<LOQ
CBDV	0.005	0.009	0.093
CBDVA	0.005	<LOQ	<LOQ
CBG	0.005	0.030	0.304
CBGA	0.005	<LOQ	<LOQ
CBL	NT	NT	NT
CBN	0.005	<LOQ	<LOQ
$\Delta^8$ -THC	0.005	<LOQ	<LOQ
$\Delta^9$ -THC	0.005	0.023	0.226
$\Delta^9$ -THCA-A	0.005	<LOQ	<LOQ
THCV	0.005	<LOQ	<LOQ
TCHVA	NT	NT	NT
Total THC <sup>1</sup>		0.023	0.23
Total CBD <sup>2</sup>		0.63	6.32
Total Cannabinoids <sup>3</sup>		0.72	7.24



Notes: <sup>1</sup> Total THC = 0.877 x  $\Delta^9$ -THCA-A +  $\Delta^9$ -THC

<sup>2</sup> Total CBD = 0.877 x CBDA + CBD

<sup>3</sup> Sum of all cannabinoids without a conversion factor applied to  $\Delta^9$ -THCA-A and CBDA

**Total THC: .23mg/g      Serving size: One 4g gummy**

**Total THC per serving: .92mg**

**Total THC per package: (5ct bag): 4.6mg (30ct jar): 27.6mg**

**Percent Cannabinoids per package: .72%**

NT = Not Tested

LOQ = Limit of Quantitation

Results relate only to the submitted sample. IEH Analytical Laboratories makes no claim about the other portions of this commodity/lot.



# IEH Analytical Laboratories

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## Residual Solvents Screen by HS-GC-MS

Results of Analysis by SOP O-037 based on FET-HS

### Sample Information

**Client ID:** Relief 5ct Gummy 9209151

**Batch ID:** 9209151

**Comments:**

### Client Information

**Client:** Receptra Naturals

**Contact:** Quality Director

### Laboratory Information

**Workorder:** PBL-S1185-467

**Date of Receipt:** 1/17/2023

**Date of Report:** 2/14/2023

**Authorized Analyst(s):** AGO

**Report Reviewed by:** DMR

**Report Approved by:** DG

Analyte	LOQ (ppm)	Limit (ppm)	Concentration (ppm)	Status
Benzene	1.0	1.0	<LOQ	Pass
Butane	100	100	<LOQ	Pass
Ethanol	50	5000	<b>2580</b>	Pass
Heptane	50	100	<LOQ	Pass
Hexane	10	10	<LOQ	Pass
Propane	100	100	<LOQ	Pass
Toluene	1.0	1.0	<LOQ	Pass
Xylenes	1.0	1.0	<LOQ	Pass

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# IEH Analytical Laboratories

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## Heavy Metals by ICP-MS

Results of Analysis by SOP I-004 based on AOAC 2013.06

### Sample Information

**Client ID:** Relief 5ct Gummy 9209151

**Batch ID:** 9209151

**Comments:**

### Client Information

**Client:** Receptra Naturals

**Contact:** Quality Director

### Laboratory Information

**Workorder:** PBL-S1185-467

**Date of Receipt:** 1/17/2023

**Date of Report:** 2/14/2023

**Authorized Analyst(s):** AGO

**Report Reviewed by:** DMR

**Report Approved by:** DG

Analyte	LOQ (ppb)	Limit (ppb)	Concentration (ppb)	Status
Arsenic	50	50	<LOQ	Pass
Cadmium	50	50	<LOQ	Pass
Lead	50	200	<LOQ	Pass
Mercury	50	50	<LOQ	Pass

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# IEH Analytical Laboratories

3927 Aurora Avenue North, Seattle, WA 98103 | (206) 632-2715

## Mycotoxins Screen by LC-MS/MS

Results of Analysis by SOP C-004

### Sample Information

**Client ID:** Relief 5ct Gummy 9209151

**Batch ID:** 9209151

**Comments:**

### Client Information

**Client:** Receptra Naturals

**Contact:** Quality Director

### Laboratory Information

**Workorder:** PBL-S1185-467

**Date of Receipt:** 1/17/2023

**Date of Report:** 2/14/2023

**Authorized Analyst(s):** DMR

**Report Reviewed by:** DMR

**Report Approved by:** DG

Analyte	LOQ (ppb)	Limit (ppb)	Concentration (ppb)	Status
Aflatoxin B1	2.0		<LOQ	Pass
Aflatoxin B2	2.0		<LOQ	Pass
Aflatoxin G1	2.0		<LOQ	Pass
Aflatoxin G2	2.0		<LOQ	Pass
Total Aflotoxins	8.0	12	<LOQ	Pass
Ochratoxin A	2.0	12	<LOQ	Pass

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# IEH Analytical Laboratories

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## Microbiological Results

Results of Analysis by SOP MB-001 and MB-491.01 based on Microfilm and PCR

### Sample Information

**Client ID:** Relief 5ct Gummy 9209151

**Batch ID:** 9209151

**Comments:**

### Client Information

**Client:** Receptra Naturals

**Contact:** Quality Director

### Laboratory Information

**Workorder:** PBL-S1185-467

**Date of Receipt:** 1/17/2023

**Date of Report:** 2/14/2023

**Authorized Analyst(s):** PAH

**Report Reviewed by:** DMR

**Report Approved by:** DG

Analyte - Quantitative	LOQ (CFU/g)	Limit (CFU/g)	Concentration (CFU/g)	Status
Bile-Tolerant Gram Negative Bacteria	10	50	<LOQ	Pass
Yeast & Mold	10	500	<LOQ	Pass

Analyte - Qualitative	LOQ	Result	Status
E. Coli	Negative or Positive/1 gram	Negative/gram	Pass
Salmonella	Negative or Positive/1 gram	Negative/gram	Pass

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**IEH Analytical Laboratories**  
3927 Aurora Avenue North, Seattle, WA 98103 | (206) 632-2715  
**Pesticide Screen by LC-MS/MS and GC-MS/MS**  
Results of Analysis by SOP C-003

**Sample Information**

**Client ID:** Relief 5ct Gummy 9209151  
**Batch ID:** 9209151  
**Comments:**

**Client Information**

**Client:** Receptra Naturals  
**Contact:** Quality Director

**Laboratory Information**

**Workorder:** PBL-S1185-467  
**Date of Receipt:** 1/17/2023  
**Date of Report:** 2/14/2023  
**Authorized Analyst(s):** AGO/DMR  
**Report Reviewed by:** DMR  
**Report Approved by:** DG

Analyte	LOQ (ppb)	Limit (ppb)	Concentration (ppb)	Status
Abamectin	100	200	<LOQ	Pass
Acequinocyl	100	4000	<LOQ	Pass
Bifenazate	10	400	<LOQ	Pass
Bifenthrin	10	100	<LOQ	Pass
Cyfluthrin	100	2000	<LOQ	Pass
Cypermethrin	100	1000	<LOQ	Pass
Daminozide	10	800	<LOQ	Pass
Dimethomorph	10	2000	<LOQ	Pass
Etoxazole	10	400	<LOQ	Pass
Fenhexamid	10	1000	<LOQ	Pass
Fonicamid	10	1000	<LOQ	Pass
Fludioxonil	10	500	<LOQ	Pass
Imidacloprid	10	500	<LOQ	Pass
Myclobutanil	10	400	<LOQ	Pass
Paclobutrazol	10	400	<LOQ	Pass
Piperonyl butoxide	10	3000	<LOQ	Pass
Pyrethrins <sup>†</sup>	100	2000	<LOQ	Pass
Quintozene	10	800	<LOQ	Pass
Spinetoram	10	1000	<LOQ	Pass
Spinosad	10	1000	<LOQ	Pass
Spirotetramat	10	1000	<LOQ	Pass
Thiamethoxam	10	400	<LOQ	Pass
Trifloxystrobin	10	1000	<LOQ	Pass
Plant Growth Regulators	10	50	NT	Pass

<sup>†</sup> Pyrethrins are measured as the cumulative residues of pyrethrin I, cinerin I, and jasmolin I

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# IEH Analytical Laboratories

3927 Aurora Avenue North, Seattle, WA 98103 | (206) 632-2715

## Terpenes by HS-GC-FID

Results of Analysis by SOP C-005

### Sample Information

**Client ID:** Relief 5ct Gummy 9209151

**Batch ID:** 9209151

**Comments:**

### Client Information

**Client:** Receptra Naturals

**Contact:** Quality Director

### Laboratory Information

**Workorder:** PBL-S1185-467

**Date of Receipt:** 1/17/2023

**Date of Report:** 2/14/2023

**Authorized Analyst(s):** AGO

**Report Reviewed by:** DMR

**Report Approved by:** DG

Analyte	LOQ (mg/g)	Concentration (%)	Concentration (mg/g)
3-Carene	0.10	<LOQ	<LOQ
Camphene	0.10	<LOQ	<LOQ
Caryophyllene Oxide	0.10	<LOQ	<LOQ
cis-Nerolidol	0.10	<LOQ	<LOQ
Eucalyptol	0.10	<LOQ	<LOQ
Guaiol	0.10	<LOQ	<LOQ
Isopulegol	0.10	<LOQ	<LOQ
Limonene	0.10	<LOQ	<LOQ
Linalool	0.10	<LOQ	<LOQ
Terpinolene	0.10	<LOQ	<LOQ
trans-Nerolidol	0.10	<LOQ	<LOQ
trans-Ocimene	0.08	<LOQ	<LOQ
$\alpha$ -Bisabolol	0.10	<LOQ	<LOQ
$\alpha$ -Humulene	0.10	<LOQ	<LOQ
$\alpha$ -Pinene	0.10	<LOQ	<LOQ
$\alpha$ -Terpinene	0.10	<LOQ	<LOQ
$\beta$ -Caryophyllene	0.10	<LOQ	<LOQ
$\beta$ -Myrcene	0.10	<LOQ	<LOQ
$\beta$ -Pinene	0.10	<LOQ	<LOQ
$\gamma$ -Terpinene	0.10	<LOQ	<LOQ

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