



# Pacific Botanical Laboratories, LLC

3917 Aurora Avenue North, Seattle, WA 98103 | (206) 566-3526

## Cannabinoid Profile by HPLC-UV/Vis

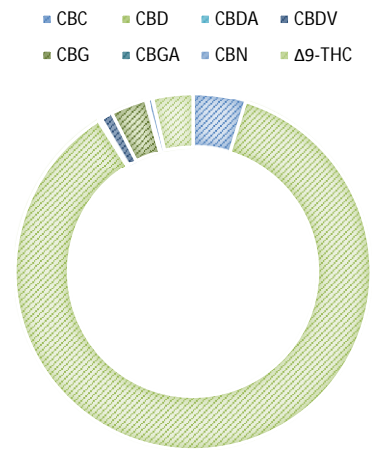
Results of Analysis by SOP C-001 based on Swift, et al

**WO:** PBL-S1132-381  
**Authorized Analyst:** DG  
**Date of Report:** 9/30/2021

**Client:** Recepra Naturals  
**Contact:** Quality Director  
**Date of Receipt:** 9/28/2021

**Client Sample ID:** Recepra Relief 66 - 1509151  
**Comments:** Relief 66

Analyte	LOQ (mg/mL)	Concentration (%)	Concentration (mg/mL)
CBC	0.095	0.37	3.48
CBCA	NT	NT	NT
CBD	0.095	6.62	62.9
CBDA	0.095	0.02	0.18
CBDV	0.095	0.08	0.79
CBDVA	0.095	<LOQ	<LOQ
CBG	0.095	0.25	2.39
CBGA	0.095	0.01	0.10
CBL	NT	NT	NT
CBN	0.095	0.03	0.32
$\Delta^8$ -THC	0.095	<LOQ	<LOQ
$\Delta^9$ -THC	0.095	0.28	2.66
$\Delta^9$ -THCA-A	0.095	<LOQ	<LOQ
THCV	0.095	<LOQ	<LOQ
TCHVA	NT	NT	NT



Total THC	0.28	2.66
Total CBD	6.63	63.0
Total Cannabinoids	7.66	72.8

### Notes

Total THC =  $0.877 \times \Delta^9$ -THCA-A +  $\Delta^9$ -THC +  $\Delta^8$ -THC; Total CBD =  $0.877 \times$  CBDA + CBD

Density = 0.95 g/mL

NT: Not Tested

LOQ: Limit of Quantitation

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



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## Residual Solvents Screen by HS-GC-FID

Results of Analysis by SOP C-002 based on FET-HS

**WO:** PBL-S1132-381 **Client:** Recepra Naturals  
**Authorized Analyst:** AGO **Contact:** Quality Director  
**Date of Report:** 10/18/2021 **Date of Receipt:** 9/28/2021

**Client Sample ID:** Recepra Relief 66 - 1509151  
**Comments:** Relief 66

Analyte	LOQ (ppm)	Limit (ppm)	Concentration (ppm)	Status
Butane	100	100	<LOQ	Pass
Ethanol	50	200	<b>87</b>	Pass
Ethyl Acetate	50		<b>53</b>	Pass
Heptane	50	100	<LOQ	Pass
Propane	100	100	<LOQ	Pass

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## Heavy Metal Results by ICP-MS

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

**WO:** PBL-S1132-381 **Client:** Recepra Naturals  
**Authorized Analyst:** FGD **Contact:** Quality Director  
**Date of Report:** 10/4/2021 **Date of Receipt:** 9/28/2021

**Client Sample ID:** Recepra Relief 66 - 1509151  
**Comments:** Relief 66

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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## Mycotoxins by LC-MS/MS

Results of Analysis by SOP C-004

<b>WO:</b>	PBL-S1132-381	<b>Client:</b>	Receptra Naturals
<b>Authorized Analyst:</b>	DMR	<b>Contact:</b>	Quality Director
<b>Date of Report:</b>	10/12/2021	<b>Date of Receipt:</b>	9/28/2021

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<b>Client Sample ID:</b>	Receptra Relief 66 - 1509151
<b>Comments:</b>	Relief 66

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Analyte	LOQ (ppb)	Limit (ppb)	Concentration (ppb)	Status
Aflatoxin B1	2		<LOQ	Pass
Aflatoxin B2	2		<LOQ	Pass
Aflatoxin G1	2		<LOQ	Pass
Aflatoxin G2	2		<LOQ	Pass
Total Aflotoxins	8	12	<LOQ	Pass
Ochratoxin A	2	12	<LOQ	Pass

LOQ: Limit of Quantitation

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## Microbiological Results

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

<b>WO:</b>	PBL-S1132-381	<b>Client:</b>	Receptra Naturals
<b>Authorized Analyst:</b>	TJC	<b>Contact:</b>	Quality Director
<b>Date of Report:</b>	10/5/2021	<b>Date of Receipt:</b>	9/28/2021

<b>Client Sample ID:</b>	Receptra Relief 66 - 1509151
<b>Comments:</b>	Relief 66

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

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

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## Pesticides by GC-MS/MS and LC-MS/MS

Results of Analysis by SOP C-003

**WO:** PBL-S1132-381      **Client:** Receptra Naturals  
**Authorized Analyst:** DMR/AGO      **Contact:** Quality Director  
**Date of Report:** 10/12/2021      **Date of Receipt:** 9/28/2021

**Client Sample ID:** Receptra Relief 66 - 1509151  
**Comments:** Relief 66

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
Paclbutrazol	10	400	<LOQ	Pass
Piperonyl Butoxide	10	3000	<LOQ	Pass
Pyrethrins	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	

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## Terpenes by HS-GC-FID

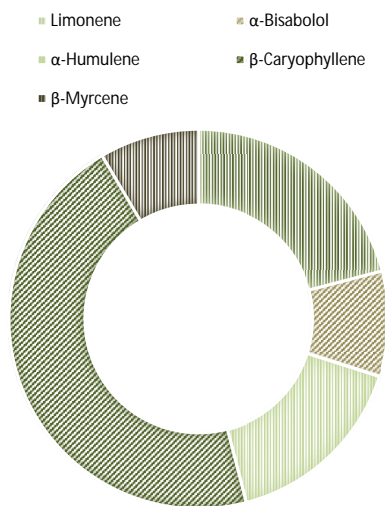
Results of Analysis by SOP C-005

**WO:** PBL-S1132-381  
**Authorized Analyst:** AGO  
**Date of Report:** 10/5/2021

**Client:** Receptra Naturals  
**Contact:** Quality Director  
**Date of Receipt:** 9/28/2021

**Client Sample ID:** Receptra Relief 66 - 1509151  
**Comments:** Relief 66

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	0.03	0.33
Linalool	0.10	<LOQ	<LOQ
Terpinolene	0.10	<LOQ	<LOQ
trans-Nerolidol	0.10	<LOQ	<LOQ
trans-Ocimene	0.08	<LOQ	<LOQ
α-Bisabolol	0.10	0.01	0.14
α-Humulene	0.10	0.03	0.25
α-Pinene	0.10	<LOQ	<LOQ
α-Terpinene	0.10	<LOQ	<LOQ
β-Caryophyllene	0.10	0.07	0.72
β-Myrcene	0.10	0.01	0.13
β-Pinene	0.10	<LOQ	<LOQ
γ-Terpinene	0.10	<LOQ	<LOQ



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