

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-S1069-193 Client: Receptra Naturals
Authorized Analyst: DMR Contact: Quality Director
Date of Report: 3/19/2021 Date of Receipt: 3/18/2021

Client Sample ID: Receptra Relief 33 Gummy - 9203161

Comments: Relief 33 Gummy

Receptra Internal Note: Each gummy is 4g. Results here are listed as per gram. Gummies contain about 32.5mg of CBD per piece. Red numbers below are Receptra Internal Notes for Customer Convenience and not issued by PBL.

CBCA NT NT NT CBD 5.0 0.81 32.52 / pc 8.13 CBDA 5.0 <loq< td=""> <loq< td=""> CBDV 5.0 0.01 .24 / pc 0.06 CBDVA 5.0 <loq< td=""> <loq< td=""> CBG 5.0 0.03 1 / pc 0.25 CBGA 5.0 <loq< td=""> <loq< td=""> CBL NT NT NT CBN 5.0 0.05 1.96 / pc 0.49 Δ⁸-THC 5.0 <loq< td=""> <loq< td=""> Δ⁹-THCA-A 5.0 <loq< td=""> <loq< td=""> THCV 5.0 0.01 .24 / pc .006</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	nalyte	LOQ (mg/g)	Concentrat (%)	ion Co	ncentration (mg/g)	n
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CBDA 5.0 <loq< th=""> <loq< th=""> CBDV 5.0 0.01 .24 / pc 0.06 CBDVA 5.0 <loq< td=""> <loq< td=""> CBG 5.0 0.03 1 / pc 0.25 CBGA 5.0 <loq< td=""> <loq< td=""> CBL NT NT NT CBN 5.0 0.05 1.96 / pc 0.49 Δ⁸-THC 5.0 <loq< td=""> <loq< td=""> Δ⁹-THCA-A 5.0 <loq< td=""> <loq< td=""> THCV 5.0 0.01 .24 / pc .006</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	BCA	NT	NT		NT	CBC CBD CBDV CBG A 29-111C
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CBDVA 5.0 <loq< th=""> <loq< th=""> CBG 5.0 0.03 1/pc 0.25 CBGA 5.0 <loq< td=""> <loq< td=""> CBL NT NT NT CBN 5.0 0.05 1.96/pc 0.49 Δ8-THC 5.0 <loq< td=""> <loq< td=""> Δ9-THC 5.0 0.05 1.8/pc 0.45 Δ9-THCA-A 5.0 <loq< td=""> <loq< td=""> THCV 5.0 0.01 .24/pc .006</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	BDA	5.0	<loq< td=""><td></td><td><loq< td=""><td></td></loq<></td></loq<>		<loq< td=""><td></td></loq<>	
CBG 5.0 0.03 1/ pc 0.25 CBGA 5.0 <loq< td=""> <loq< td=""> CBL NT NT NT CBN 5.0 0.05 1.96 / pc 0.49 Δ8-THC 5.0 <loq< td=""> <loq< td=""> Δ9-THC 5.0 0.05 1.8 / pc 0.45 Δ9-THCA-A 5.0 <loq< td=""> <loq< td=""> THCV 5.0 0.01 .24 / pc .006</loq<></loq<></loq<></loq<></loq<></loq<>	BDV	5.0	0.01	.24 / pc	0.06	
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CBL NT NT NT CBN 5.0 0.05 $1.96/pc$ 0.49 Δ^8 -THC 5.0 $<$ LOQ $<$ LOQ Δ^9 -THC 5.0 $<$ LOQ $<$ LOQ THCV 5.0 $<$ 0.01 $.24/pc$ $.006$	BG	5.0	0.03	1 / pc	0.25	
CBN 5.0 0.05 1.96 / pc 0.49 Δ^8 -THC 5.0 <loq< td=""> <loq< td=""> Δ^9-THC 5.0 0.05 1.8 / pc 0.45 Δ^9-THCA-A 5.0 <loq< td=""> <loq< td=""> THCV 5.0 0.01 .24 / pc .006</loq<></loq<></loq<></loq<>	BGA	5.0	<loq< td=""><td></td><td><loq< td=""><td></td></loq<></td></loq<>		<loq< td=""><td></td></loq<>	
Δ^8 -THC 5.0 <loq <loq="" <math="">\Delta^9-THC 5.0 0.05 1.8/pc 0.45 Δ^9-THCA-A 5.0 <loq .006<="" .24="" 0.01="" 5.0="" <loq="" pc="" td="" thcv=""><td>BL</td><td>NT</td><td>NT</td><td></td><td>NT</td><td></td></loq></loq>	BL	NT	NT		NT	
Δ ⁹ -THC 5.0 0.05 1.8/pc 0.45 Δ ⁹ -THCA-A 5.0 <loq <loq<br="">THCV 5.0 0.01 .24/pc .006</loq>	BN	5.0	0.05	1.96 / pc	0.49	
Δ ⁹ -THCA-A 5.0 <loq <loq<br="">THCV 5.0 0.01 .24 / pc .006</loq>	-THC	5.0	<loq< td=""><td></td><td><loq< td=""><td></td></loq<></td></loq<>		<loq< td=""><td></td></loq<>	
THCV 5.0 0.01 .24 / pc .006	-THC	5.0	0.05	1.8 / pc	0.45	
THCV 5.0 0.01 .24 / pc .006	-THCA-A	5.0	<loq< td=""><td></td><td><loq< td=""><td></td></loq<></td></loq<>		<loq< td=""><td></td></loq<>	
TCUVA NT NT NT		5.0	0.01	.24 / pc	.006	
ICHVA NI NI NI	CHVA	NT	NT		NT	

Total THC	0.07	0.66
Total CBD	0.69	6.9
Total Cannabinoids	0.83	8.3

Notes

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

NT: Not Tested

LOQ: Limit of Quantitation



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Residual Solvents Screen by HS-GC-FID

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

WO:PBL-S1069-193Client:Receptra NaturalsAuthorized Analyst:AGOContact:Quality DirectorDate of Report:4/12/2021Date of Receipt:3/18/2021

Client Sample ID: Receptra Relief 33 Gummy - 9203161

Comments: Relief 33 Gummy

Analyte	LOQ (ppm)	Limit (ppm)	Concentration (ppm)	Status
Butane	100	100	<loq< td=""><td>Pass</td></loq<>	Pass
Ethanol	50	NA	5820	
Heptane	50	100	<loq< td=""><td>Pass</td></loq<>	Pass
Propane	100	100	<loq< td=""><td>Pass</td></loq<>	Pass

LOQ: Limit of Quantitation



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Heavy Metal Results by ICP-MS

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

WO:PBL-S1069-193Client:Receptra NaturalsAuthorized Analyst:KPWContact:Quality DirectorDate of Report:3/18/2021Date of Receipt:3/18/2021

Client Sample ID: Receptra Relief 33 Gummy - 9203161

Comments: Relief 33 Gummy

Analyte	LOQ (ppb)	Limit (ppb)	Concentration (ppb)	Status
Arsenic	50	50	<loq< td=""><td>Pass</td></loq<>	Pass
Cadmium	50	50	<loq< td=""><td>Pass</td></loq<>	Pass
Lead	50	100	<loq< td=""><td>Pass</td></loq<>	Pass
Mercury	50	50	<loq< td=""><td>Pass</td></loq<>	Pass

LOQ: Limit of Quantitation



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Mycotoxins by LC-MS/MS

Results of Analysis by SOP C-004

WO:PBL-S1069-193Client:Receptra NaturalsAuthorized Analyst:DMRContact:Quality DirectorDate of Report:4/12/2021Date of Receipt:3/18/2021

Client Sample ID: Receptra Relief 33 Gummy - 9203161

Comments: Relief 33 Gummy

Analyte	LOQ (ppb)	Limit (ppb)	Concentration (ppb)	Status
Aflatoxin B1	2		<loq< td=""><td>Pass</td></loq<>	Pass
Aflatoxin B2	2		<loq< td=""><td>Pass</td></loq<>	Pass
Aflatoxin G1	2		<loq< td=""><td>Pass</td></loq<>	Pass
Aflatoxin G2	2		<loq< td=""><td>Pass</td></loq<>	Pass
Total Aflotoxins	8	12	<loq< td=""><td>Pass</td></loq<>	Pass
Ochratoxin A	2	12	<loq< td=""><td>Pass</td></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

WO:PBL-S1069-193Client:Receptra NaturalsAuthorized Analyst:TJCContact:Quality DirectorDate of Report:3/18/2021Date of Receipt:3/18/2021

Client Sample ID: Receptra Relief 33 Gummy - 9203161

Comments: Relief 33 Gummy

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

LOQ: Limit of Quantitation



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

Results of Analysis by SOP C-003

WO:PBL-S1069-193Client:Receptra NaturalsAuthorized Analyst:DMR/AGOContact:Quality DirectorDate of Report:4/12/2021Date of Receipt:3/18/2021

Client Sample ID: Receptra Relief 33 Gummy - 9203161

Comments: Relief 33 Gummy

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

LOQ: Limit of Quantitation



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Terpenes by HS-GC-FID

Results of Analysis by SOP C-005

WO: PBL-S1069-193 Client: Receptra Naturals
Authorized Analyst: AGO Contact: Quality Director
Date of Report: 3/18/2021 Date of Receipt: 3/18/2021

Client Sample ID: Receptra Relief 33 Gummy - 9203161

Comments: Relief 33 Gummy

Analyte	LOQ (mg/g)	Concentration (%)	Concentration (mg/g)	
3-Carene	0.10	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Camphene	0.10	<loq< td=""><td><loq< td=""><td>■ Limonene ■ α-Bisabolol</td></loq<></td></loq<>	<loq< td=""><td>■ Limonene ■ α-Bisabolol</td></loq<>	■ Limonene ■ α-Bisabolol
Caryophyllene Oxide	0.10	<loq< td=""><td><loq< td=""><td>■ α-Humulene α-Pinene</td></loq<></td></loq<>	<loq< td=""><td>■ α-Humulene α-Pinene</td></loq<>	■ α-Humulene α-Pinene
cis-Nerolidol	0.10	<loq< td=""><td><loq< td=""><td>■ α-numuene ■ α-rmene</td></loq<></td></loq<>	<loq< td=""><td>■ α-numuene ■ α-rmene</td></loq<>	■ α-numuene ■ α-rmene
Eucalyptol	0.10	<loq< td=""><td><loq< td=""><td>■ β-Caryophyllene ■ β-Myrcene</td></loq<></td></loq<>	<loq< td=""><td>■ β-Caryophyllene ■ β-Myrcene</td></loq<>	■ β-Caryophyllene ■ β-Myrcene
Guaiol	0.10	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Isopulegol	0.10	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Limonene	0.10	0.04	0.40	
Linalool	0.10	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Terpinolene	0.10	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
trans-Nerolidol	0.10	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
trans-Ocimene	0.08	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
α-Bisabolol	0.10	0.04	0.41	
α-Humulene	0.10	0.02	0.22	
α-Pinene	0.10	0.01	0.12	
α-Terpinene	0.10	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
β-Caryophyllene	0.10	0.05	0.55	
β-Myrcene	0.10	0.02	0.18	
β-Pinene	0.10	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
γ-Terpinene	0.10	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	

Notes

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LOQ: Limit of Quantitation