

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-S1144-402	Client:	Receptra Naturals
Authorized Analyst:	DG	Contact:	Quality Director
Date of Report:	11/23/2021	Date of Receipt:	11/22/2021
Client Sample ID: Comments:	Receptra Relief 33 - 1410271 Relief 33		

Analyte	LOQ (mg/mL)	Concentration (%)	Concentration (mg/mL)	
CBC	0.095	0.19	1.79	■ CBC ■ CBD ■ CBDA ■ CBDV ■ CBG ■ Δ9-THC
CBCA	NT	NT	NT	
CBD	0.095	3.28	31.1	
CBDA	0.095	0.01	0.11	
CBDV	0.095	0.05	0.45	A Real Provide A Real ProvideA Real Provide A Real Provide A Real Provide A Real
CBDVA	0.095	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBG	0.095	0.13	1.26	
CBGA	0.095	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBL	NT	NT	NT	
CBN	0.095	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Δ ⁸ -THC	0.095	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Δ ⁹ -THC	0.095	0.15	1.45	
Δ ⁹ -THCA-A	0.095	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
THCV	0.095	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
TCHVA	NT	NT	NT	

Total THC	0.15	1.45
Total CBD	3.28	31.1
Total Cannabinoids	3.81	36.2

Notes

Total THC = $0.877 \times \Delta^9$ -THCA-A + Δ^9 -THC + Δ^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-S1144-402	Client:	Receptra Naturals
Authorized Analyst:	AGO	Contact:	Quality Director
Date of Report:	11/24/2021	Date of Receipt:	11/22/2021
Client Sample ID: Comments:	Receptra Relief 33 - 1410271 Relief 33		

Analyte	LOQ (ppm)	Limit (ppm)	Concentration (ppm)	Status
Butane	100	100	<loq< td=""><td>Pass</td></loq<>	Pass
Ethanol	50	125	<loq< td=""><td>Pass</td></loq<>	Pass
Ethyl Acetate	50		<loq< td=""><td>Pass</td></loq<>	Pass
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-S1144-402	Client:	Receptra Naturals
Authorized Analyst:	FGD	Contact:	Quality Director
Date of Report:	12/1/2021	Date of Receipt:	11/22/2021
Client Sample ID: Comments:	Receptra Relief 33 - 1410271 Relief 33		

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

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Mycotoxins by LC-MS/MS

Results of Analysis by SOP C-004

WO:	PBL-S1144-402	Client:	Receptra Naturals
Authorized Analyst:	DMR	Contact:	Quality Director
Date of Report:	11/23/2021	Date of Receipt:	11/22/2021
Client Sample ID: Comments:	Receptra Relief 33 - 1410271 Relief 33		

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

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Microbiological Results

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

WO:	PBL-S1144-402	Client:	Receptra Naturals
Authorized Analyst:	TJC	Contact:	Quality Director
Date of Report:	11/29/2021	Date of Receipt:	11/22/2021
Client Sample ID: Comments:	Receptra Relief 33 - 1410271 Relief 33		

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

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

Results of Analysis by SOP C-003

WO:	PBL-S1144-402	Client:	Receptra Naturals
Authorized Analyst:	DMR/AGO	Contact:	Quality Director
Date of Report:	11/23/2021	Date of Receipt:	11/22/2021
Client Sample ID: Comments:	Receptra Relief 33 - 1410271 Relief 33		

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	

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Terpenes by HS-GC-FID

Results of Analysis by SOP C-005

WO:	PBL-S1144-402	Client:	Receptra Naturals
Authorized Analyst:	AGO	Contact:	Quality Director
Date of Report:	11/23/2021	Date of Receipt:	11/22/2021
Client Sample ID:	Receptra Relief 33 - 1410271		

Comments:

Receptra Relief 33 - 14102/1 Relief 33

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>Eucalyptol Limonene</td></loq<></td></loq<>	<loq< td=""><td>Eucalyptol Limonene</td></loq<>	Eucalyptol Limonene
Caryophyllene Oxide	0.10	<loq< td=""><td><loq< td=""><td>a-Bisabolol α-Humulene</td></loq<></td></loq<>	<loq< td=""><td>a-Bisabolol α-Humulene</td></loq<>	a-Bisabolol α-Humulene
cis-Nerolidol	0.10	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Eucalyptol	0.10	0.01	0.11	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<>	
_imonene	0.10	0.03	0.26	
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<>	
rans-Nerolidol	0.10	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
rans-Ocimene	0.08	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
α-Bisabolol	0.10	0.01	0.13	
a-Humulene	0.10	0.01	0.15	
α-Pinene	0.10	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
a-Terpinene	0.10	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
β-Caryophyllene	0.10	0.04	0.40	
3-Myrcene	0.10	0.01	0.10	
3-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