

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-S1144-404	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 Relax 25 - 1610261 Relax 25		

Analyte	LOQ (mg/mL)	Concentration (%)	Concentration (mg/mL)	
CBC	0.095	0.14	1.33	■ CBC ■ CBD ■ CBDV ■ CBG ■ Δ9-THC
CBCA	NT	NT	NT	
CBD	0.095	2.43	23.1	
CBDA	0.095	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBDV	0.095	0.03	0.31	Iller
CBDVA	0.095	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBG	0.095	0.09	0.89	
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 <sup>8</sup> -THC	0.095	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
∆ <sup>9</sup> -THC	0.095	0.12	1.09	
Δ <sup>9</sup> -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	0.12	1.09
Total CBD	2.43	23.1
Total Cannabinoids	2.82	26.8

#### 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-S1144-404	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 Relax 25 - 1610261 Relax 25		

Analyte	LOQ (ppm)	Limit (ppm)	Concentration (ppm)	Status
Butane	100	100	<loq< td=""><td>Pass</td></loq<>	Pass
Ethanol	50	110	<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-S1144-404	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 Relax 25 - 1610261 Relax 25		

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	75	<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-S1144-404	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 Relax 25 - 1610261 Relax 25		

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-S1144-404	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 Relax 25 - 1610261 Relax 25		

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-S1144-404	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 Relax 25 - 1610261 Relax 25		

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	16	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-S1144-404	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 Relax 25 - 1610261			

Comments:

Receptra Relax 25 -Relax 25

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	0.02	0.17	Camphene     Limonene
Caryophyllene Oxide	0.10	<loq< td=""><td><loq< td=""><td><ul> <li>Terpinolene</li> <li>α-Pinene</li> </ul></td></loq<></td></loq<>	<loq< td=""><td><ul> <li>Terpinolene</li> <li>α-Pinene</li> </ul></td></loq<>	<ul> <li>Terpinolene</li> <li>α-Pinene</li> </ul>
cis-Nerolidol	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
Eucalyptol	0.10	<loq< td=""><td><loq< td=""><td>β-Pinene γ-Terpinene</td></loq<></td></loq<>	<loq< td=""><td>β-Pinene γ-Terpinene</td></loq<>	β-Pinene γ-Terpinene
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	0.48	4.82	
Linalool	0.10	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Terpinolene	0.10	0.01	0.14	
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	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
α-Humulene	0.10	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
α-Pinene	0.10	0.06	0.58	
α-Terpinene	0.10	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
β-Caryophyllene	0.10	0.03	0.27	
β-Myrcene	0.10	0.01	0.15	
β-Pinene	0.10	0.02	0.22	
γ-Terpinene	0.10	0.03	0.33	

### Notes

NT: Not Tested

LOQ: Limit of Quantitation