

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-S1135-385                         | Client:          | Receptra Naturals |
|--------------------------------|---------------------------------------|------------------|-------------------|
| Authorized Analyst:            | DG                                    | Contact:         | Quality Director  |
| Date of Report:                | 10/14/2021                            | Date of Receipt: | 10/11/2021        |
| Client Sample ID:<br>Comments: | Receptra Rest 25 - 1710041<br>Rest 25 |                  |                   |

| Analyte                | LOQ (mg/mL) | Concentration<br>(%)   | Concentration<br>(mg/mL)                               |      |                  |              |
|------------------------|-------------|--|--|------|------------------|--------------|
| CBC                    | 0.095       | 0.15   | 1.44   | CBC  | CBD              | ■ CBDV ■ CBG |
| CBCA                   | NT          | NT   | NT   |      |                  |              |
| CBD                    | 0.095       | 2.41   | 22.9   | CBGA | ■ <b>Δ9-</b> THC | Δ9-THCA-A    |
| CBDA                   | 0.095       | <loq< td=""><td><loq< td=""><td></td><td></td><td></td></loq<></td></loq<>         | <loq< td=""><td></td><td></td><td></td></loq<>         |      |                  |              |
| CBDV                   | 0.095       | 0.05   | 0.48   |      |                  |              |
| CBDVA                  | 0.095       | <loq< td=""><td><loq< td=""><td></td><td>E Road -</td><td></td></loq<></td></loq<> | <loq< td=""><td></td><td>E Road -</td><td></td></loq<> |      | E Road -         |              |
| CBG                    | 0.095       | 0.09   | 0.87   |      |                  |              |
| CBGA                   | 0.095       | 0.01   | 0.11   |      | 1                |              |
| CBL                    | NT          | NT   | NT   |      |                  |              |
| CBN                    | 0.095       | <loq< td=""><td><loq< td=""><td></td><td></td><td></td></loq<></td></loq<>         | <loq< td=""><td></td><td></td><td></td></loq<>         |      |                  |              |
| ∆ <sup>8</sup> -THC    | 0.095       | <loq< td=""><td><loq< td=""><td></td><td>λ</td><td></td></loq<></td></loq<>        | <loq< td=""><td></td><td>λ</td><td></td></loq<>        |      | λ                |              |
| ∆ <sup>9</sup> -THC    | 0.095       | 0.11   | 1.03   |      |                  |              |
| Δ <sup>9</sup> -THCA-A | 0.095       | 0.01   | 0.10   | ×    | W////////        |              |
| THCV                   | 0.095       | <loq< td=""><td><loq< td=""><td></td><td></td><td></td></loq<></td></loq<>         | <loq< td=""><td></td><td></td><td></td></loq<>         |      |                  |              |
| TCHVA                  | NT          | NT   | NT   |      |                  |              |

| Total THC          | 0.11 | 1.03 |
|--------------------|------|------|
| Total CBD          | 2.41 | 22.9 |
| Total Cannabinoids | 2.83 | 26.9 |

#### 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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### Heavy Metal Results by ICP-MS

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

| WO:                            | PBL-S1135-385                         | Client:          | Receptra Naturals |
|--------------------------------|---------------------------------------|------------------|-------------------|
| Authorized Analyst:            | FGD                                   | Contact:         | Quality Director  |
| Date of Report:                | 10/14/2021                            | Date of Receipt: | 10/11/2021        |
| Client Sample ID:<br>Comments: | Receptra Rest 25 - 1710041<br>Rest 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   |

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-S1135-385                         | Client:          | Receptra Naturals |
|--------------------------------|---------------------------------------|------------------|-------------------|
| Authorized Analyst:            | AGO                                   | Contact:         | Quality Director  |
| Date of Report:                | 10/18/2021                            | Date of Receipt: | 10/11/2021        |
| Client Sample ID:<br>Comments: | Receptra Rest 25 - 1710041<br>Rest 25 |                  |                   |

| Analyte       | LOQ (ppm) | Limit (ppm) | Concentration (ppm)              | Status |
|---------------|-----------|-------------|----------------------------------|--------|
| Butane        | 100       | 100         | <loq< td=""><td>Pass</td></loq<> | Pass   |
| Ethanol       | 50        | 110         | 60                               | 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   |

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Mycotoxins by LC-MS/MS

Results of Analysis by SOP C-004

| WO:                            | PBL-S1135-385                         | Client:          | Receptra Naturals |
|--------------------------------|---------------------------------------|------------------|-------------------|
| Authorized Analyst:            | DMR                                   | Contact:         | Quality Director  |
| Date of Report:                | 10/12/2021                            | Date of Receipt: | 10/11/2021        |
| Client Sample ID:<br>Comments: | Receptra Rest 25 - 1710041<br>Rest 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-S1135-385                         | Client:          | Receptra Naturals |
|--------------------------------|---------------------------------------|------------------|-------------------|
| Authorized Analyst:            | TJC                                   | Contact:         | Quality Director  |
| Date of Report:                | 10/18/2021                            | Date of Receipt: | 10/11/2021        |
| Client Sample ID:<br>Comments: | Receptra Rest 25 - 1710041<br>Rest 25 |                  |                   |

| Analyte - Quantitative                  | LOQ (CFU/g) | Limit (CFU/g) | Result (CFU/g)                   | Status |
|---|-------------|---------------|----------------------------------|--------|
| Bile-Tolerant Gram<br>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-S1135-385                         | Client:          | Receptra Naturals |
|--------------------------------|---------------------------------------|------------------|-------------------|
| Authorized Analyst:            | DMR/AGO                               | Contact:         | Quality Director  |
| Date of Report:                | 10/12/2021                            | Date of Receipt: | 10/11/2021        |
| Client Sample ID:<br>Comments: | Receptra Rest 25 - 1710041<br>Rest 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         | <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

| Client Sample ID:   | Receptra Rest 25 - 1710041 |                  |                   |
|---------------------|----------------------------|------------------|-------------------|
| Date of Report:     | 10/18/2021                 | Date of Receipt: | 10/11/2021        |
| Authorized Analyst: | AGO                        | Contact:         | Quality Director  |
| WO:                 | PBL-S1135-385              | Client:          | Receptra Naturals |

Comments: Rest 25

| Analyte             | LOQ (mg/g) | Concentration<br>(%)  | Concentration<br>(mg/g)   |   |
|---------------------|------------|---|---|---|
| 3-Carene            | 0.10       | <loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>  | <loq< td=""><td></td></loq<>  |   |
| Camphene            | 0.10       | 0.09  | 0.89  | Camphene Eucalyptol                         |
| Caryophyllene Oxide | 0.10       | <loq< td=""><td><loq< td=""><td>Limonene    Linalool α-Humulene    α-Pinene</td></loq<></td></loq<> | <loq< td=""><td>Limonene    Linalool α-Humulene    α-Pinene</td></loq<> | Limonene    Linalool α-Humulene    α-Pinene |
| cis-Nerolidol       | 0.10       | <loq< td=""><td><loq< td=""><td>β-Caryophyllene β-Pinene</td></loq<></td></loq<>                    | <loq< td=""><td>β-Caryophyllene β-Pinene</td></loq<>                    | β-Caryophyllene β-Pinene                    |
| Eucalyptol          | 0.10       | 0.02  | 0.22  | 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       | 0.02  | 0.19  |   |
| Linalool            | 0.10       | 0.31  | 3.15  |   |
| 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       | <loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>  | <loq< td=""><td></td></loq<>  |   |
| α-Humulene          | 0.10       | 0.01  | 0.12  |   |
| α-Pinene            | 0.10       | 0.02  | 0.19  |   |
| 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  | 0.31  |   |
| β-Myrcene           | 0.10       | <loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>  | <loq< td=""><td></td></loq<>  |   |
| β-Pinene            | 0.10       | 0.02  | 0.23  |   |
| γ-Terpinene         | 0.10       | 0.02  | 0.19  |   |

#### Notes

NT: Not Tested

LOQ: Limit of Quantitation