

Certificate ID: **18771**
 Client Sample ID: **(New) Water Concentrate**
 Matrix: **Concentrates/Extracts - Isolate**
 Date Received: **6/15/2017**

Pur Iso Labs LLC
109 Enterprise Parkway, Suite 204
Boerne, TX 78006
Attn: Austin Ruple

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

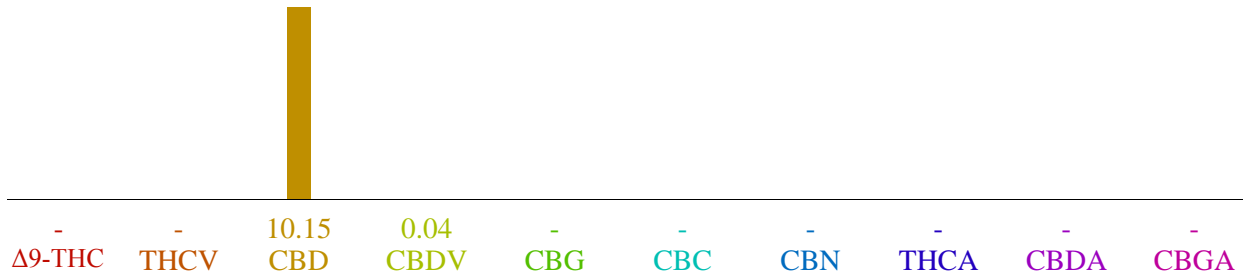
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|--|--|--------------------|
| Authorization: Chris Hudalla, Chief Science Officer | Signature:  | Date: 6/20/2017 |
|--|--|--------------------|

CN: Cannabinoid Profile & Potency [WI-10-04]

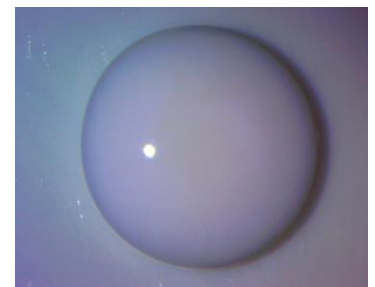
Analyst: JFD

Test Date: 6/20/2017

The client sample was analyzed for plant-based cannabinoids by Convergence Chromatography (CC). The collected data was compared to data collected for certified reference standards at known concentrations.

18771-CN


| ID | Weight % | Conc. |
|----------------|------------------|--------------------|
| Δ 9-THC | 0.01 wt % | 0.05 mg/g |
| THCV | - | - |
| CBD | 10.15 wt % | 101.47 mg/g |
| CBDV | 0.04 wt % | 0.40 mg/g |
| CBG | - | - |
| CBC | - | - |
| CBN | - | - |
| THCA | - | - |
| CBDA | - | - |
| CBGA | - | - |
| Total | 10.19 wt% | 101.92 mg/g |
| Max THC | 0.01 wt% | - |
| Max CBD | 10.15 wt% | 101.47 mg/g |



Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: $\text{Max THC} = (0.877 \times \text{THCA}) + \text{THC}$.

VC: Analysis of Volatile Organic Compounds [WI-10-07]*Analyst: CJH**Test Date: 6/15/2017*

The client sample was analyzed by Head-Space Gas Chromatography (HS-GC). The collected data was compared to data collected for certified reference standards at known concentrations.

18771-VC

| Compound | CAS | Amount ¹ | Limit ² | Status |
|--------------|----------|---------------------|--------------------|--------|
| Butane | 106-97-8 | ND | 5,000 ppm | PASS |
| Methanol | 67-56-1 | ND | 3,000 ppm | PASS |
| Ethanol | 64-17-5 | ND | 5,000 ppm | PASS |
| Acetone | 67-64-1 | ND | 5,000 ppm | PASS |
| Isopropanol | 67-63-0 | ND | 5,000 ppm | PASS |
| Acetonitrile | 75-05-8 | ND | 410 ppm | PASS |
| Hexane | 110-54-3 | ND | 290 ppm | PASS |
| Heptane | 142-82-5 | ND | 5,000 ppm | PASS |
| Toluene | 108-88-3 | ND | 890 ppm | PASS |

1) ND = None detected above 5 ppm.

2) In ppm, based on USP recommended limits for residual solvents, adopted by the Massachusetts Department of Public Health on 3/31/16. Butane/Propane limits are based on limits established for state of Colorado.

END OF REPORT