



# CERTIFICATE OF ANALYSIS



## SAMPLE INFORMATION

Sample Name: NORTHERN LIGHTS      Sample Matrix: Concentrate  
 Sample Id: 95111      Collected: 03/29/2019 14:20  
 Received: 03/29/2019 16:08      Overall Result: **Pass**

## INDIVIDUAL INFO

Business Name: VT Inc.      Street Address:  
 City:      State:  
 Zip Code:      License:

## RESIDUAL SOLVENT ANALYSIS

TEST TYPE RESULT: **Pass**  
 UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

| ANALYTE           | RESULT     | LOD    | LLOQ   | ACTION LEVEL      | ANALYTE            | RESULT     | LOD    | LLOQ   | ACTION LEVEL      |
|-------------------|------------|--------|--------|-------------------|--------------------|------------|--------|--------|-------------------|
| Chloroform        | ND         | 1.000  | 2.500  | 1.000 <b>Pass</b> | Acetone            | 330.6 ug/g | 2.500  | 5.000  | 5000 <b>Pass</b>  |
| Methanol          | 11.07 ug/g | 1.000  | 2.500  | 3000 <b>Pass</b>  | Ethanol            | ND         | 1.000  | 2.500  | 5000 <b>Pass</b>  |
| Benzene           | ND         | 1.000  | 2.500  | 1.000 <b>Pass</b> | Toluene            | 26.79 ug/g | 0.2500 | 0.5000 | 890.0 <b>Pass</b> |
| Pentane           | ND         | 1.000  | 2.500  | 5000 <b>Pass</b>  | Hexane             | ND         | 0.2500 | 0.5000 | 290.0 <b>Pass</b> |
| Heptane           | ND         | 0.2500 | 0.5000 | 5000 <b>Pass</b>  | Ethyl Acetate      | ND         | 2.500  | 5.000  | 5000 <b>Pass</b>  |
| Propane           | 16.38 ug/g | 5.000  | 10.00  | 5000 <b>Pass</b>  | Acetonitrile       | ND         | 0.5000 | 1.000  | 410.0 <b>Pass</b> |
| Ethyl Ether       | ND         | 10.00  | 50.00  | 5000 <b>Pass</b>  | 1,2-Dichloroethane | ND         | 0.2500 | 0.5000 | 1.000 <b>Pass</b> |
| Butane            | <LLOQ      | 24.00  | 48.00  | 5000 <b>Pass</b>  | Methylene chloride | ND         | 0.2500 | 0.5000 | 1.000 <b>Pass</b> |
| Ethylene oxide    | ND         | 0.5000 | 1.000  | 1.000 <b>Pass</b> | Isopropyl Alcohol  | 12.62 ug/g | 0.2500 | 0.5000 | 5000 <b>Pass</b>  |
| Trichloroethylene | ND         | 0.2500 | 0.5000 | 1.000 <b>Pass</b> | Xylenes            | ND         | 0.5000 | 1.000  | 2170 <b>Pass</b>  |

## ADDITIONAL INFORMATION

Method: SOP-TECH-003      Sample Prepped 04/01/2019 13:28      Sample Approved 04/03/2019 10:22  
 Instrument: HS-GC-MS-FID      Sample Analyzed 04/01/2019 13:48





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This report applies to the sample investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. This report provides technical results for a specific sample and the report shall not be altered, modified, supplemented, or abstracted in any manner. Any violation of these conditions renders the report and its results void.

All LQC samples required by state regulations were performed and met the acceptance criteria.

### DATA REVIEWED AND APPROVED BY

04/03/2019

Swetha Kaul, PhD  
Chief Scientific Officer

Date

