

## Certificate of Analysis

qemp Inc.  
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888-970-1075  
www.qemp.com

**Date Report Created:** 12/18/2019

**Total quantity produced:** 17479

**Product Exp. Date:** 05/22/2021

### Product Description



Product Name: qemp CBD Oil 17 mg

Lot # (Batch): 36276200

Batch Size: 20000

Batch Date (mfg. Date): 11/22/2019

### Heavy Metals and Micros | RESULTS

|                                     |               |
|-------------------------------------|---------------|
| Total Aerobic Micro Count (USP2021) | None Detected |
| Yeast & Molds (AOAC)                | None Detected |
| Escherichia coli (USP2022)          | Absent        |
| Pseudomonas aeruginosa (USP62)      | Absent        |
| Salmonella species (USP2022)        | Absent        |
| Arsenic (ICP-MS)                    | Pass          |
| Cadmium (ICP-MS)                    | Pass          |
| Lead (ICP-MS)                       | Pass          |
| Mercury (ICP-MS)                    | Pass          |

### Cannabinoids by HPLC

| Analyte      | mg/ml         | mg/g          |
|--------------|---------------|---------------|
| CBDV         | 0.243         | 0.261         |
| CBDa         | 0.136         | 0.146         |
| CBG          | 0.347         | 0.373         |
| CBD          | 19.4          | 20.9          |
| THCV         | None Detected | None Detected |
| CBN          | None Detected | None Detected |
| Δ 9-THC      | 0.608         | 0.654         |
| CBC          | 0.988         | 1.06          |
| THCa         | None Detected | None Detected |
| Δ 8-THC      | None Detected | None Detected |
| <b>Total</b> | <b>21.70</b>  | <b>23.33</b>  |

|                                  |                                 |  |
|----------------------------------|---------------------------------|--|
| <b>Total THC</b><br>0.06%        | <b>Total CBD</b><br>19.52mg/ml  | <b>Total Cannabinoid</b><br>21.70mg/ml |
| <b>THC: CBD Ratio</b><br>0.03 :1 | <b>CBD:THC Ratio</b><br>32.15:1 |  |

### Safety

|   |  |
|---|--|
| <b>Pesticides</b> LC-MS/MS GC-MS/MS<br><input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail | <b>Solvents</b> (GC-MS)<br><input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail      |
| <b>Gluten</b> (AOAC)<br><input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail                | <b>Mycotoxins</b> (LS-MS/MS)<br><input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail |

### Testing Labs

|  |  |
|--|--|
| <b>Desert Valley</b> (Potency)<br>Date sample received: 11/27/19 | <b>Green Scientific labs</b><br>(P/S, Mycotoxins, HM)<br>Date sample received: 12/9/19 |
| <b>ARL</b> (Micro)<br>Date sample received: 11/27/19             | <b>Eurofins</b> (Gluten/PV)<br>Date sample received: 11/27/19                          |

\*Total THC= THCa\*0.877+d9-THC; Total CBD=CBDa\*0.877+CBD

**Signature / Title**

PRINT NAME Xiaolan Kou/ Director Quality

Full CoA available upon request