

Certificate of Analysis

qemp Inc. 2901 W Bluegrass Blvd. Lehi, Utah 84043 888-970-1075 www.qemp.com	Date Report Created: <u>12/18/2019</u> Total quantity produced: <u>18016</u> Product Exp. Date: <u>05/26/2021</u>
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Product Description	
	Product Name: <u>qemp CBD Oil 30mg</u> Lot # (Batch): <u>36276500</u> Batch Size: <u>20000</u> Batch Date (mfg. Date): <u>11/26/19</u>

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	0.800	0.860
CBDa	None Detected	None Detected
CBG	0.930	1.00
CBD	37.9	40.8
THCV	None Detected	None Detected
CBN	None Detected	None Detected
Δ 9-THC	1.46	1.57
CBC	2.14	2.30
THCa	None Detected	None Detected
Δ 8-THC	None Detected	None Detected
Total	43.20	46.45

Total THC 0.15%	Total CBD 37.90 mg/ml	Total Cannabinoid 43.20 mg/ml
THC: CBD Ratio 0.04:1	CBD:THC Ratio 25.99:1	

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

Testing Labs	
Desert Valley (Potency) Date sample received: <u>11/27/19</u>	Green Scientific labs (P/S, Mycotoxins, HM) Date sample received: <u>12/09/19</u>
ARL (Micro) Date sample received: <u>11/27/19</u>	Eurofins (Gluten/PV) Date sample received: <u>11/27/19</u>

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

Full CoA available upon request

Signature / Title

PRINT NAME Xiaolan Kou/ Director QA/QC

