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Certificate of Analysis

Product: Colorado Hemp Oil
 Product Code: QSCH02
 Lot Size: 277.21 L
 Lot Number: CHO1802/1; CHO1802/2; CHO1802/3; CHO1802/4
 Manufacturing Date: 03/2018
 Bottle Size: 50-mL black glass with black/white pump top
 Storage recommendation: Room Temperature

Raw Material Tests:

Cannabidiol (CBD)

| Test Performed | Result | Specification* | Method |
|----------------|----------|----------------|---------------------------------|
| Identity | Conforms | Conforms | Convergence Chromatography (CC) |

Final Product Tests

| Test Performed | Result | Specification | Method |
|---------------------------|------------|-------------------------|----------------|
| Aerobic Plate Count | Conforms | <10 ⁵ cfu/mL | USP2021 |
| Coliforms | Conforms | < 100 cfu/mL | Bam C4 sec C-F |
| <i>E. Coli</i> | Conforms | Absent | USP2022 |
| <i>Staph aureus</i> | Conforms | Absent | USP2022 |
| Yeast | Conforms | < 5000cfu/mL | USP2021 |
| Mold | Conforms | < 5000cfu/mL | USP2021 |
| Salmonella | Conforms | Absent | USP2022 |
| <i>Pseudo. aeruginosa</i> | Conforms | Absent | mUSP62 |
| Arsenic | Conforms | < 0.25ppm | ICPMS |
| Cadmium | Conforms | < 0.1ppm | ICPMS |
| Lead | Conforms | < 0.025ppm | ICPMS |
| Mercury | Conforms | < 0.05ppm | ICPMS |
| Liposome size | Conforms | 10nm – 100nm | DLS |
| THC | < 0.01% | < 0.01% | QS-HPLC-DAD |
| Phytocannabinoid Diols | 6.54 mg/ml | ≥ 6 mg/ml | QS-HPLC-DAD |

*100% label claim at the time of manufacture

Approved by: QA



Date:

