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## Certificate of Analysis

Product: Colorado Hemp Oil  
 Product Code: QSCH02  
 Lot Size: 230.72 L  
 Lot Number: CHO1803/1; CHO1803/2  
 Manufacturing Date: 04/2018  
 Bottle Size: 50-mL black glass with black/white pump top  
 30-mL black glass bottles with pump tops  
 Storage recommendation: Room Temperature  
 Shelf Life: Freshness is commonly maintained two years from manufacturing date.

### Raw Material Tests:

#### Cannabidiol (CBD)

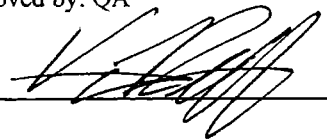
Test Performed	Result	Specification*	Method
Identity	Conforms	Conforms	Convergence Chromatography (CC)

#### Final Product Tests

Test Performed	Result	Specification	Method
Aerobic Plate Count	Conforms	<10 <sup>5</sup> 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	6.63 mg/ml	≥ 6 mg/ml	QS-HPLC-DAD

\*100% label claim at the time of manufacture

Approved by: QA

  
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Date:

  
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