



1960 Cherry St., Louisville, CO 80027
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PRODUCT SPECIFICATION AND CERTIFICATE OF ANALYSIS

Document #	FPS.089	Rev. 1	Effective Date 04/22/2024
Product Code #	QSFSHO01		

Product Name	Full Spectrum Hemp Extract
Lot Number	FSHO2403/1
Manufacturing Date:	11/2024
Bottle Size:	50mL
Storage Recommendation:	Room Temperature
Shelf Life / EXP Date:	11/2026

Active Compounds

Test Performed	Method	Specification	Result	Pass/Fail
THC	LC/MS/MS or HPLC	≤ 0.3%	0.0%	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cannabidiol	LC/MS/MS or HPLC	≥ 16mg/2 mL	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

Elemental Impurities

Test Performed	Method	Specification	Result	Pass/Fail
Arsenic	USP <730>	≤ 2ppm	0.002 ppm	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cadmium	USP <730>	≤ 2ppm	<0.001 ppm	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Lead	USP <730>	≤ 1ppm	0.006 ppm	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Mercury	USP <730>	≤ 1ppm	0.001 ppm	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

Microbiological Stability

Test Performed	Method	Specification	Result	Pass/Fail
Water Activity	USP <922>	≤ 0.849	0.823	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Yeast/Mold	AOAC2014.05	≤ 1000cfu/mL	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

**See QC SOP.47 for additional testing requirements if water activity is above specification. Attach any additional testing forms as required.

NOTES: CoA reflects QS and Emerson bottling events. BM 12/02/2024

Released: _____
 Quality Control: Brandon Morey Electronically signed by: Brandon Morey
Reason: Reviewed and Approved
Date: Dec 2, 2024 15:46 MST Date: _____



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REVISION HISTORY

Rev.	Effective Date	DCR No.	Description of Changes
1	04/22/2024	DCR20240418A	Updated to new Microbiological format.
0	01/12/2024	DCR20240110E	New Document.