



1960 Cherry St., Louisville, CO 80027
 P: 303-531-0861 E: support@quicksilverscientific.com

PRODUCT SPECIFICATION AND CERTIFICATE OF ANALYSIS

Document #	FPS.089	Rev. 0	Effective Date 01/12/2024
Product Code #	QSFSHO01		

Product Name	Nanoemulsion Full Spectrum Hemp Extract
Lot Number	FSHO2401
Manufacturing Date:	01/2024
Bottle Size:	50mL
Storage Recommendation:	Room Temperature
Shelf Life / EXP Date:	01/2026

Final Product Tests

Test Performed	Method	Specification	Result	Pass/Fail
Aerobic Plate Count	USP2021	≤ 10 ⁵ cfu/mL	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Coliforms	AOAC 991.14	≤ 100cfu/mL	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
<i>E. Coli</i>	USP2022	Absent	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
<i>Staph aureus</i>	USP2022	Absent	Conforms	<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
Salmonella	USP2022	Absent	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
<i>Pseudo. aeruginosa</i>	USP62	Absent	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Arsenic	ICPMS	≤ 2ppm	0.008 ppm	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cadmium	ICPMS	≤ 2ppm	<0.001 ppm	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Lead	ICPMS	≤ 1ppm	0.004 ppm	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Mercury	ICPMS	≤ 1ppm	<0.001 ppm	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
THC	LC/MS/MS or HPLC	≤ 0.3%	0.1%	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cannabidiol	LC/MS/MS or HPLC	≥ 16mg/2 mL	20mg/2mL	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

*100% label claim at the time of manufacture



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NOTES:

Total Batch Size: 125 L
 Bottles Produced: 2,466
 Product Description:
 - Nanoemulsion Full Spectrum Hemp Extract
 - Emerson Nanoemulsified Full Spectrum Hemp Extract

Ingredient	Manufacturer	Lot Number
Full Spectrum Hemp Extract	Kentucky Heritage Hemp Company	230177
Full Spectrum Hemp Extract	Ananda Hemp	230944
Full Spectrum Hemp Extract	Ananda Hemp	231327

Released:

*Electronically signed by: Gabe Moreno
 Reason: Reviewed and Approved
 Date: Jan 19, 2024 12:07 MST*

Quality Control: _____

Date: _____



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REVISION HISTORY

Rev.	Effective Date	DCR No.	Description of Changes
0	01/12/2024	DCR20240110E	New Document.