



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

PRODUCT SPECIFICATION AND CERTIFICATE OF ANALYSIS

Document #	FP.078	Rev. 8	Effective Date 02/21/2023
Product Code#	QSAIS05		
CBD SYNERGIES – PN (RELIEF FORMULA)			

Lot Number:	AIS2301B
Manufacturing Date:	04/2023
Bottle Size:	60 Capsules
Storage Recommendation:	Room Temperature
Shelf Life / EXP Date:	Freshness is commonly maintained 2 years from manufacturing date.

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	USP2021	≤ 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	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cadmium	ICPMS	≤ 2ppm	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Lead	ICPMS	≤ 1ppm	BLOQ	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Mercury	ICPMS	≤ 1ppm	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Curcuminoids	HPLC	≥35 mg/2 capsules	37.989 mg/2 capsules	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cannabidiol	LC/MS/MS or HPLC	≥20 mg/2 capsules	22.7977 mg/2 capsules	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
THC	LC/MS/MS or HPLC	≤ 0.3%	0.13048%	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
CBDV	LC/MS/MS or HPLC	For Information Only	0.3497 mg/2 capsules	N/A



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CBDA	LC/MS/MS or HPLC	For Information Only	ND	N/A
CBG	LC/MS/MS or HPLC	For Information Only	ND	N/A
CBN	LC/MS/MS or HPLC	For Information Only	0.1024 mg/2 capsules	N/A
CBC	LC/MS/MS or HPLC	For Information Only	1.1939 mg/2 capsules	N/A

*100% label claim at the time of manufacture
 **Solvent and Pesticide testing performed annually.

NOTES:

Bottles Produced: 430
 Product Description: Self Emulsifying Delivery System hemp capsule.

Ingredient	Manufacturer	Lot Number
Full Spectrum Hemp Extract	Kentucky Heritage Hemp	230177
Full Spectrum Hemp Extract	N/A BM 05/17/2023	N/A BM 05/17/2023
Full Spectrum Hemp Extract	N/A BM 05/17/2023	N/A BM 05/17/2023

Released: *Brandon Morey* Electronically signed by: Brandon Morey
Reason: Reviewed and Approved
Date: May 17, 2023 11:00 MDT
 Quality Assurance: _____ Date: _____



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REVISION HISTORY

Rev.	Date	DCR No.	Description of Changes
8	02/21/2023	DCR20230215A	Changed formula
7	10/06/2022	DCR20221006B	– Changed curcuminoids claim to 25mg/serving
6	09/19/2022	DCR20220919A	– Removing Liposomal size from Spec/COA
5	03/24/2021	DCR20210319C	- Updated the product code to QSAIS04. Total curcuminoids claim changing to 35 mg/serving.
4	12/10/2020	DCR20201123D	- Updated the product code to QSAIS03. Template update.
3	04/29/2020	DCR20200421B	- added to notes section- product description and table to include hemp raw material manufacturer and lot number. Changed Active Diols to Cannabidiols to match the label.
2	04/10/2020	DCR20200407C	– Updated the Product code from QSAIS01 to QSAIS02 due to a formula update.
1	09/20/2019	DCR20190912A	– New Document