



1376 Miners Dr., Ste. 101, Lafayette, CO 80026
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PRODUCT SPECIFICATION AND CERTIFICATE OF ANALYSIS

Document #	FP.076	Rev. 3	Effective Date 04/29/2020
Product Code#	QSCBSSP01		
CBD SYNERGIES – SP (SLEEP FORMULA)			

Lot Number:	CBSSP2103/1
Manufacturing Date:	10/2021
Bottle Size:	50 mL
Storage Recommendation:	Room Temperature
Shelf Life / EXP Date:	Freshness is commonly maintained two 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>	mUSP62	Absent	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Arsenic	ICPMS	≤ 2ppm	<0.016ppm	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cadmium	ICPMS	≤ 2ppm	<0.008ppm	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Lead	ICPMS	≤ 1ppm	0.018ppm	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Mercury	ICPMS	≤ 1ppm	0.003ppm	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Liposome size	DLS	10nm – 70nm	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
5-HTP	HPLC	≥16 mg/2mL	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Melatonin	HPLC	≥0.25 mg/2mL	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cannabidiol	LC/MS/MS or HPLC	≥8 mg/2mL	11.12/2mL	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
THC	LC/MS/MS or HPLC	≤ 0.3%	0.015%	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail



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Product Code#	QSCBSSP01		
CBD SYNERGIES – SP (SLEEP FORMULA)			

Test Performed	Method	Specification	Result	Pass/Fail
CBDA	LC/MS/MS or HPLC	For Information Only	<0.001mg/mL	N/A
CBG	LC/MS/MS or HPLC	For Information Only	<0.001mg/mL	N/A
CBN	LC/MS/MS or HPLC	For Information Only	0.0204mg/mL	N/A
CBC	LC/MS/MS or HPLC	For Information Only	0.3464mg/mL	N/A
CBDA	LC/MS/MS or HPLC	For Information Only	<0.001mg/mL	N/A

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

NOTES:

Total Batch Size: 52.8L

Bottles Produced: 1366

Product Description: Liposomal hemp tincture. 8mg cannabinoids per serving.

Ingredient	Manufacturer	Lot Number
Full Spectrum Hemp Extract	CBD Universe	210674
Full Spectrum Hemp Extract	CBD Universe	210392
Full Spectrum Hemp Extract		

Released:

Quality Assurance:

Date:

11/10/21



1960 Cherry Street Louisville, CO 80027
(303) 531-0861
qs.labtesting@quicksilverscientific.com
Lab Accreditation Number: 6052.01

Contact Name:
Contact Information: qs.testresults@quicksilverscientific.com

Sample Information

Product:	CBD Synergies-SP	Date Received:	October 27, 2021
Description:	Liposome	Date Analyzed:	October 29, 2021
Lot/Batch#:	CBSSP2103/1	Report Date:	November 2, 2021

Certificate of Analysis

Analyte	Method	Reporting Limit	Result	Units	Client Product Specifications
CBDV	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	< 0.001	mg/mL	
CBDA	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	< 0.001	mg/mL	
CBG	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	< 0.001	mg/mL	
CBD	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	5.56	mg/mL	
THCV	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	< 0.001	mg/mL	
CBN	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	0.0204	mg/mL	
delta-9-thc	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	0.0157	%	
CBC	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	0.3464	mg/mL	
THCA	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	< 0.001	mg/mL	

Report Approved by:

Renee A Cortez
Quality Assurance Officer

**The results generated on this report correlate only to the samples received and tested by the laboratory. The laboratory is not responsible for sampling, therefore results are based solely on samples submitted to the laboratory.



1945 S Fremont Drive
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Certificate Of Analysis

Quicksilver Scientific
 1960 Cherry St
 Louisville, CO 80027

Certificate ID 166491
 Report Date 11-02-2021
 Customer PO
 Receipt Date 10-28-2021
 Test Completion Date 11-02-2021

Analytical Testing Results

Customer Lot CBSSP2103/1
 Description CBD SYNERGIES-SP

Lab Sample ID 641275
 Serving Size 2 Milliliters

Method ^ AOAC 993.14/GL-500

Analysis
 Lead (Pb)
 Cadmium (Cd)
 Arsenic (As)

Test Type ICP-MS

Specification	Result	U/M
Report	0.018	ppm
Report	<0.008	ppm
Report	<0.016	ppm

Method ^ EPA 7473/GL-585

Analysis
 Mercury (Hg)

Test Type DMA

Specification	Result	U/M
Report	0.003	ppm

Method USP <62>/GL-480

Analysis
 Pseudomonas aeruginosa

Test Type Pseudomonas aeruginosa

Specification	Result	U/M
Negative	Negative	

Method ^ AOAC 2014.05/GL-451

Analysis
 Yeasts and Molds

Test Type Yeasts and Molds

Specification	Result	U/M
Report	<10	cfu/g

Method ^ USP <2022>/GL-461

Analysis
 Salmonella

Test Type Salmonella

Specification	Result	U/M
Negative	Negative	

Method ^ USP <2022>/GL-441

Analysis
 Staphylococcus aureus

Test Type Staphylococcus aureus

Specification	Result	U/M
Negative	Negative	

Method ^ USP <2022>/GL-423

Analysis
 E. coli

Test Type E. coli

Specification	Result	U/M
Negative	Negative	

Method ^ AOAC 991.14/GL-420

Analysis
 Coliforms

Test Type Coliforms

Specification	Result	U/M
Report	<10	cfu/g

Method ^ USP <2021>/GL-411

Analysis
 Aerobic Plate Count

Test Type Aerobic Plate Count

Specification	Result	U/M
Report	10	cfu/g



1945 S. Fremont Drive
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Phone: 801.973.8824
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Laboratory Comments:

Certificate ID#: 166491

Reviewed By: Talya Powell

Approved By: _____

Edgar Grigorian, VP of Technical Affairs
On Behalf of Dyad Labs

Laboratory Notes:

Samples were received in acceptable condition unless otherwise noted in the laboratory comments section. This report may not be distributed or reproduced except in full, without written permission from Dyad Labs. Client shall not at any time misrepresent or alter the contents of this report. Any violation of these conditions voids this report. Dyad Labs assumes no responsibility, and client hereby waives all claims against Dyad Labs, for interpretation of such results. The results apply only to the sample(s) provided by the client. All work is done in accordance with Dyad Labs Terms and Conditions of Sale. Full text available on www.dyadlabs.com/Terms

Result Symbol Definitions:

^ = ISO 17025 certified method

* = Analysis performed at a subcontract location

GL-111-Form-01-E

Supplement to Test Report
Additional Pages: N/A