



1376 Miners Dr., Ste. 101, Lafayette, CO 80026
 P: 303-531-0861 E: support@quicksilverscientific.com

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:	CBSSP2201/1
Manufacturing Date:	06/2022
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 checked="" type="checkbox"/> Fail
<i>Pseudo. aeruginosa</i>	mUSP62	Absent	Conforms	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Arsenic	ICPMS	≤ 2ppm	0.005 ppm	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cadmium	ICPMS	≤ 2ppm	0.005 ppm	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Lead	ICPMS	≤ 1ppm	0.005 ppm	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Mercury	ICPMS	≤ 1ppm	0.005 ppm	<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	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
THC	LC/MS/MS or HPLC	≤ 0.3%	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail



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CBDA	LC/MS/MS or HPLC	For Information Only	Conforms	N/A
CBG	LC/MS/MS or HPLC	For Information Only	Conforms	N/A
CBN	LC/MS/MS or HPLC	For Information Only	Conforms	N/A
CBC	LC/MS/MS or HPLC	For Information Only	Conforms	N/A
CBDA	LC/MS/MS or HPLC	For Information Only	Conforms	N/A

*100% label claim at the time of manufacture

**Solvent and Pesticide testing performed annually

NOTES:

Total Batch Size: 71.8L

Bottles Produced: 1,350

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

Ingredient	Manufacturer	Lot Number
Full Spectrum Hemp Extract	Hemp Nectar	220563
Full Spectrum Hemp Extract		
Full Spectrum Hemp Extract		

Released:

Quality Assurance:

Loan Anus

Date:

07/06/2022



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

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

Sample Information

Product:	CBD Synergies-SP	Date Received:	June 23, 2022
Description:	Liposome	Date Analyzed:	June 30, 2022
Lot/Batch#:	CBSSP2201/1	Report Date:	June 30, 2022

Certificate of Analysis

Analyte	Method	Reporting Limit	Result	Units	Client Product Specifications
CBDV	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.002	< 0.002	mg/mL	N/A
CBDA	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.002	< 0.002	mg/mL	N/A
CBG	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.002	0.051	mg/mL	N/A
CBD	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.005	6.08	mg/mL	N/A
THCV	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.002	< 0.002	mg/mL	N/A
CBN	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.002	0.0284	mg/mL	N/A
delta-9-thc	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.002	0.018	%	N/A
CBC	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.002	0.196	mg/mL	N/A
THCA	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.002	< 0.002	mg/mL	N/A

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.

Quicksilver Scientific
 1960 Cherry St
 Louisville, CO, 80027

 Certificate ID # : 1043355-4
 Report Date: 06-27-2022
 Customer PO # :
 Receipt Date: 06-24-2022
 Sample Completion Date: 06-27-2022

Analytical Testing Results

 Lab Sample ID: S-20220623-5851
 Customer Lot # CBSSP2201/1

 Serving Size: 2 mL
 Calculated Serving Size:

Description: CBD Synergies-SP

Test Method Description	Analyte	Specification	Result	U/M
GL-411 USP Aerobic Plate Count*	Aerobic Plate Count	100000 Max	<100	CFU/mL
GL-420 AOAC Coliforms*	Coliforms	100 Max	<10	CFU/mL
GL-423 USP E. coli*	E. coli	In: Negative	Negative	/10g
GL-441 USP Staphylococcus aureus*	Staph aureus	In: Negative	Negative	/10g
GL-451 AOAC Rapid Yeasts and Molds*	Yeasts and Molds	1000 Max	<10	CFU/mL
GL-461 USP Salmonella*	Salmonella	In: Negative	Negative	/10g
GL-480 USP Pseudomonas aeruginosa	Pseudomonas aeruginosa	Report	Negative	/10g

 Laboratory Comments:
 N/A

 Reviewed By: Les Reeves

 Approved By: 

 Date: 06-27-2022

 Edgar Grigorian, Laboratory Director
 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. ISO/IEC 17025:2017 accreditation #71216, certificate #L21-39. The validity of this accreditation certificate should be confirmed through the PJLA website: www.pjla.com.

* - ISO/IEC 17025:2017 Accredited Test

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GL-423 USP E. coli*	E. coli	In: Negative	Negative	/10g
GL-441 USP Staphylococcus aureus*	Staph aureus	In: Negative	Negative	/10g
GL-451 AOAC Rapid Yeasts and Molds*	Yeasts and Molds	1000 Max	<10	CFU/mL
GL-461 USP Salmonella*	Salmonella	In: Negative	Negative	/10g
GL-480 USP Pseudomonas aeruginosa	Pseudomonas aeruginosa	Report	Negative	/10g

Laboratory Comments:

N/A

Reviewed By: Les Reeves

Approved By: 

Date: 06-27-2022

Edgar Grigorian, Laboratory Director

On Behalf of Dyad Labs

Laboratory Notes:

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Sample Information

Product:	CBD Synergies-SP	Date Received:	June 23, 2022
Description:	Liposome	Date Analyzed:	June 24, 2022
Lot/Batch#:	CBSSP2201/1	Report Date:	June 27, 2022

Certificate of Analysis

Analyte	Method	Reporting Limit	Result	Units
As	QS-SP-HM-ICP/USP 730	0.005	< 0.005	ppm
Cd	QS-SP-HM-ICP/USP 730	0.005	< 0.005	ppm
Hg	QS-SP-HM-ICP/USP 730	0.005	< 0.005	ppm
Pb	QS-SP-HM-ICP/USP 730	0.005	< 0.005	ppm

Report Approved by:



Renee A Cortez
Quality Assurance Officer

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