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PRODUCT SPECIFICATION AND CERTIFICATE OF ANALYSIS

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

Lot Number:	CBSSP2105/1
Manufacturing Date:	12/2021
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	$\leq 10^5$ cfu/mL	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Coliforms	AOAC 991.14	≤ 100 cfu/mL	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
E. Coli	USP2022	Absent	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Staph aureus	USP2022	Absent	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Yeast/Mold	USP2021	≤ 1000 cfu/mL	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Salmonella	USP2022	Absent	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Pseudo. aeruginosa	mUSP62	Absent	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Arsenic	ICPMS	≤ 2 ppm	<0.005ppm	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cadmium	ICPMS	≤ 2 ppm	<0.005ppm	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Lead	ICPMS	≤ 1 ppm	<0.005ppm	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Mercury	ICPMS	≤ 1 ppm	<0.005ppm	<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	10.018mg/2mL	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
THC	LC/MS/MS or HPLC	$\leq 0.3\%$	0.0148%	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail



PRODUCT SPECIFICATION AND CERTIFICATE OF ANALYSIS

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

Test Performed	Method	Specification	Result	Pass/Fail
CBDA	LC/MS/MS or HPLC	For Information Only	0.002mg/2mL	N/A
CBG	LC/MS/MS or HPLC	For Information Only	0.178mg/2mL	N/A
CBN	LC/MS/MS or HPLC	For Information Only	0.002mg/2mL	N/A
CBC	LC/MS/MS or HPLC	For Information Only	0.552mg/2mL	N/A
CBDA	LC/MS/MS or HPLC	For Information Only	0.002mg/2mL	N/A

*100% label claim at the time of manufacture

**Solvent and Pesticide testing performed annually

NOTES:

Total Batch Size: 235.6L

Bottles Produced: 4,646-50mL

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

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

Released:

Quality Assurance:

Date: 01-18-2022



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

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

Sample Information

Product: CBD Synergies SP
Description: Liposome
Lot/Batch#: CBSSP2105/1

Date Received: January 11, 2022
Date Analyzed: January 13, 2022
Report Date: January 13, 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

**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.



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Contact Name: Selena Martinez
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Sample Information

Product: CBD Synergies SP
Description: Liposome
Lot/Batch#: CBSSP2105/1

Date Received: January 11, 2022
Date Analyzed: January 13, 2022
Report Date: January 14, 2022

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	N/A
CBDA	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	< 0.001	mg/mL	N/A
CBG	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	0.089	mg/mL	N/A
CBD	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	5.009	mg/mL	≥ 8mg / 2 mL
THCV	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	< 0.001	mg/mL	N/A
CBN	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	< 0.001	mg/mL	N/A
delta-9-thc	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	0.0148	%	< 0.03 %
CBC	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	0.276	mg/mL	N/A
THCA	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	< 0.001	mg/mL	N/A

Report Approved by:

Renee A Cortez
Quality Assurance Officer

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ISO/IEC 17025:2017
Accreditation #: 75696
lab@summitnutritional.com

Report Number: 211228 005-01
Date Reported: 1/11/2022 9:24:19 AM

Sample Details

Product #: CBD Synergies-SP
Description: CBD Synergies-SP
Lot #: CBSSP2105
Received: 12/28/2021 11:44:03 AM

Customer Information

Quicksilver Scientific LLC
1376 Miners Drive #101
Lafayette, CO 80026

Sample Details:

Certificate of Analysis

Chemistry	Method	Specifications	Result	Units
Amino Acids 5-Hydroxy-L-Tryptophan	WI.HPLC.329.06	> 16	17.782	mg/serving
Botanicals and Nutraceuticals Melatonin	SNL.HPLC.330	> 0.25	0.368	mg/serving
Physical Specific Gravity	SNL.USP.841.01		1.075	g/mL
Serving Size	SNL.MA.210		2.00	mL

Report Approved by:

Joel Nelson
Laboratory Manager

*= Please review Client Specifications

Report Numbers that have been
revised or amended will include a
revision number.

This Certificate of Analysis shall not be reproduced, except in full, without written permission from the laboratory. This Certificate of Analysis results apply to the items tested. Further information is available, upon request, when needed for the interpretation of the test results.
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