



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		
<b>CBD SYNERGIES – SP (SLEEP FORMULA)</b>			

<b>Lot Number:</b>	CBSSP2301/1
<b>Manufacturing Date:</b>	04/2023
<b>Bottle Size:</b>	50 mL
<b>Storage Recommendation:</b>	Room Temperature
<b>Shelf Life / EXP Date:</b>	Freshness is commonly maintained 2 years from manufacturing date.

### Final Product Tests

Test Performed	Method	Specification	Result	Pass/Fail
Aerobic Plate Count	USP2021	≤ 10 <sup>5</sup> 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	0.016 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	0.005 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
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	9.14 mg/2ml	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
THC	LC/MS/MS or HPLC	≤ 0.3%	<0.001 mg/2ml	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail



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Test Performed	Method	Specification	Result	Pass/Fail
CBDA	LC/MS/MS or HPLC	For Information Only	<0.001 mg/2ml	N/A
CBG	LC/MS/MS or HPLC	For Information Only	0.114 mg/2ml	N/A
CBN	LC/MS/MS or HPLC	For Information Only	0.274 mg/2ml	N/A
CBC	LC/MS/MS or HPLC	For Information Only	0.414 mg/2ml	N/A
CBDA	LC/MS/MS or HPLC	For Information Only	<0.001 mg/2ml	N/A

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

<b>NOTES:</b>		
Total Batch Size: 80L		
Bottles Produced: 1354		
Product Description: Liposomal hemp tincture. 8mg cannabinoids per serving.		
Ingredient	Manufacturer	Lot Number
Full Spectrum Hemp Extract	Tennessee Extracts	220663
Full Spectrum Hemp Extract	N/A	N/A LA 05/04/2023
Full Spectrum Hemp Extract	N/A	N/A LA 05/04/2023

Released: Loren Alves      Electronically signed by: Loren Alves  
 Reason: Reviewed and Approved  
 Date: May 4, 2023 11:31 MDT  
 Quality Assurance: \_\_\_\_\_ Date: \_\_\_\_\_



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### REVISION HISTORY

Rev.	Date	Description of Changes
3	04/29/2020	DCR20200421B - added to notes section- product description and table to include hemp raw material manufacturer and lot number.
2	03/06/2020	DCR20200229A – Changed test performed from Active Diols to Cannabidiol
1	09/20/2019	DCR20190912A – New Document

### DOCUMENT APPROVALS

Author:  Date: 04/27/2020

Quality Assurance:  Date: 04/29/2020