



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:	CBSSP2102/1
Manufacturing Date:	6/2021
Bottle Size:	50 mL
Storage Recommendation:	Room Temperature
Shelf Life / EXP Date:	The freshness is commonly maintained two years after manufacturing date.

7/7/21
JRS

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	<0.005	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Cadmium	ICPMS	≤ 2ppm	<0.005	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Lead	ICPMS	≤ 1ppm	<0.005	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Mercury	ICPMS	≤ 1ppm	<0.005	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Liposome size	DLS	10nm – 70nm	Conforms	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
5-HTP	HPLC	≥16 mg/2mL	19.294/2ml	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Melatonin	HPLC	≥0.25 mg/2mL	.300mg/2ml	<input type="checkbox"/> Pass <input type="checkbox"/> Fail
Cannabidiol	LC/MS/MS or HPLC	≥8 mg/2mL	12.46/2ml	<input type="checkbox"/> Pass <input type="checkbox"/> Fail



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Test Performed	Method	Specification	Result	Pass/Fail
THC	LC/MS/MS or HPLC	≤ 0.3%	0.019%	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
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: 98.5 L

Bottles Produced: 1716

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

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

Released:

Quality Assurance:

Date:

07/07/2021

July 02, 2021

QUICKSILVER SCIENTIFIC

Attn: Erin Bingham
1376 Miners Drive Suite 101
Lafayette, CO 80026

Order No. 525053
Sample No. 1087892

SAMPLE INFORMATION

Description CBD Synergies
Lot Number CBSSP2102/1
Category (Type) Non-Inhalable Orally Consumed Concentrate (Tincture)
Received June 30, 2021

ANALYTICAL RESULTS

Analysis Cannabinoid Profile
Instrument Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)
Method MF12D012
Analysis Date June 30, 2021 to July 02, 2021

Cannabinoid	mg/g	%	mg/ml
Δ8-THC	ND	ND	ND
Δ9-THC	0.1971	0.01971	0.2107
Δ9-THCA	ND	ND	ND
THCV	0.0044	0.00044	0.0047
THCVA	ND	ND	ND
CBD	5.3167	0.53167	5.6835
CBDA	ND	ND	ND
CBC	0.2418	0.02418	0.2585
CBCA	ND	ND	ND
CBDV	0.0458	0.00458	0.0489
CBG	0.0967	0.00967	0.1034
CBGA	ND	ND	ND
CBN	0.0101	0.00101	0.0108
Total THC	0.1971	0.01971	0.2107
Total CBD	5.3167	0.53167	5.6835
Total Cannabinoids	5.9125	0.59125	6.3204
Total Active Cannabinoids	5.9125	0.59125	6.3204
g/ml Conversion Factor	1.069		

Reported by
Anresco, Inc.




Derek Moy
Senior Analyst

July 02, 2021

Limit of Detection: 0.0008 mg/g
Limit of Quantitation: 0.0025 mg/g
ND = None Detected
<LOQ = Below Limit of Quantitation
<LOD = Below Limit of Detection

If there are any questions with this report, please contact "compliance@anresco.com".



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7/7/21
JRS

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

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Full Spectrum Hemp Extract		
Full Spectrum Hemp Extract		

Released:

Quality Assurance:

Date:

07/07/2021



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

Contact Name: Madalyn Morley
Contact Information: gs.testresults@quicksilverscientific.com

Sample Information

Product:	CBD Synergies SP	Date Received:	June 30, 2021
Description:	Lipsome	Date Analyzed:	July 2, 2021
Lot/Batch#:	CBSSP2102/1	Report Date:	July 2, 2021

Certificate of Analysis

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

Report Approved by:

Renee A Cortez
Quality Assurance Officer

* Samples were analyzed for analytes that are not accredited by A2LA .

**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.

< RL = Less Than Reporting Limit

July 06, 2021

QUICKSILVER SCIENTIFIC
Attn: Erin Bingham
1376 Miners Drive Suite 101
Lafayette, CO 80026

Order No. 525053
Sample No. 1087892

SAMPLE INFORMATION

Description CBD Synergies
Lot Number CBSSP2102/1
Received June 30, 2021

ANALYTICAL RESULTS

Analysis Date June 30, 2021 to July 06, 2021

Findings	Analysis	Results	Method
	Standard Plate Count	<10 cfu/g	FDA BAM
	Yeast	<10 cfu/g	AOAC 2014.05
	Mold	<10 cfu/g	AOAC 2014.05
	Coliforms	<10 cfu/g	FDA BAM - ECC AGAR
	Escherichia coli	<10 cfu/g	FDA BAM - ECC AGAR
	Pseudomonas	<10 cfu/g	CMMEF
	Salmonella	Negative /1g	AOAC 2016.01
	Staphylococcus aureus	<10 cfu/g	AOAC 2003.07

Reported by
Anresco, Inc.




Allen Zhu
Analyst

July 02, 2021

QUICKSILVER SCIENTIFIC

Attn: Erin Bingham
 1376 Miners Drive Suite 101
 Lafayette, CO 80026

Order No. 525053
 Sample No. 1087892

SAMPLE INFORMATION

Description CBD Synergies
Lot Number CBSSP2102/1
Category (Type) Non-Inhalable Orally Consumed Concentrate (Tincture)
Received June 30, 2021

ANALYTICAL RESULTS

Analysis Pesticide Screen ✔ Pass
Instrument Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)
Method MF 21P030
Analysis Date June 30, 2021 to July 02, 2021

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Abamectin	0.04/0.10	ND	0.3	Pass
Acephate	0.02/0.06	ND	5.0	Pass
Acequinocyl	0.04/0.10	ND	4.0	Pass
Acetamiprid	0.02/0.06	ND	5.0	Pass
Aldicarb	0.02/0.06	ND	0.02	Pass
Azoxystrobin	0.02/0.06	ND	40.0	Pass
Bifenazate	0.02/0.06	ND	5.0	Pass
Bifenthrin	0.04/0.10	ND	0.5	Pass
Boscalid	0.02/0.06	ND	10.0	Pass
Captan	0.20/0.06	ND	5.0	Pass
Carbaryl	0.02/0.06	ND	0.5	Pass
Carbofuran	0.02/0.06	ND	0.02	Pass
Chlorantraniliprole	0.02/0.06	ND	40.0	Pass
Chlordane	0.02/0.06	ND	0.02	Pass
Chlorfenapyr	0.02/0.08	ND	0.02	Pass
Chlorpyrifos	0.02/0.06	ND	0.02	Pass
Clofentezine	0.02/0.06	ND	0.5	Pass
Coumaphos	0.02/0.06	ND	0.02	Pass
Cyfluthrin	0.10/0.30	ND	1.0	Pass
Cypermethrin	0.10/0.30	ND	1.0	Pass
Daminozide	0.02/0.06	ND	0.02	Pass
DDVP (Dichlorvos)	0.02/0.06	ND	0.02	Pass
Diazinon	0.02/0.06	ND	0.2	Pass
Dimethoate	0.02/0.06	ND	0.02	Pass
Dimethomorph	0.02/0.06	ND	20.0	Pass
Ethoprop(hos)	0.02/0.06	ND	0.02	Pass
Etofenprox	0.02/0.06	ND	0.02	Pass
Etoxazole	0.02/0.06	ND	1.5	Pass
Fenhexamid	0.02/0.06	ND	10.0	Pass
Fenoxycarb	0.02/0.06	ND	0.02	Pass
Fenpyroximate	0.02/0.06	ND	2.0	Pass
Fipronil	0.02/0.06	ND	0.02	Pass

If there are any questions with this report, please contact "compliance@anresco.com".

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Flonicamid	0.02/0.06	ND	2.0	Pass
Fludioxanil	0.02/0.06	ND	30.0	Pass
Hexythiazox	0.02/0.06	ND	2.0	Pass
Imazalil	0.02/0.06	ND	0.02	Pass
Imidacloprid	0.02/0.06	ND	3.0	Pass
Kresoxim Methyl	0.02/0.06	ND	1.0	Pass
Malathion	0.02/0.06	ND	5.0	Pass
Metalaxyl	0.02/0.06	ND	15.0	Pass
Methiocarb	0.02/0.06	ND	0.02	Pass
Methomyl	0.02/0.06	ND	0.1	Pass
Methyl parathion	0.02/0.06	ND	0.02	Pass
Mevinphos	0.02/0.06	ND	0.02	Pass
Myclobutanil	0.02/0.06	ND	9.0	Pass
Naled	0.02/0.06	ND	0.5	Pass
Oxamyl	0.02/0.06	ND	0.2	Pass
Paclobutrazol	0.02/0.06	ND	0.02	Pass
Pentachloronitrobenzene	0.04/0.10	ND	0.2	Pass
Permethrins	0.10/0.30	ND	20.0	Pass
Phosmet	0.02/0.06	ND	0.2	Pass
Piperonyl Butoxide	0.02/0.06	ND	8.0	Pass
Prallethrin	0.04/0.10	ND	0.4	Pass
Propiconazole	0.02/0.06	ND	20.0	Pass
Propoxur	0.02/0.06	ND	0.02	Pass
Pyrethrins	0.10/0.30	ND	1.0	Pass
Pyridaben	0.02/0.06	ND	3.0	Pass
Spinetoram	0.02/0.06	ND	3.0	Pass
Spinosad	0.02/0.06	ND	3.0	Pass
Spiromesifen	0.04/0.10	ND	12.0	Pass
Spirotetramat	0.02/0.06	ND	13.0	Pass
Spiroxamine	0.02/0.06	ND	0.02	Pass
Tebuconazole	0.02/0.06	ND	2.0	Pass
Thiacloprid	0.02/0.06	ND	0.02	Pass
Thiamethoxam	0.02/0.06	ND	4.5	Pass
Trifloxystrobin	0.02/0.06	ND	30.0	Pass

Reported by
Anresco, Inc.

ND = None Detected




Hannah Mui
Analyst II

July 02, 2021

If there are any questions with this report, please contact "compliance@anresco.com".



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

Report Number: 210630 012-03
 Date Reported: 7/7/2021 2:18:05 PM

Sample Details

Product #: CBD Synergies SP (Sleep Formula)
 Description: CBD Synergies SP (Sleep Formula)
 Lot #: CBSSP2102/1
 Received: 6/30/2021 12:53:34 PM

Customer Information

Quicksilver Scientific
 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	19.294	mg/serving
Botanicals and Nutraceuticals				
Melatonin	SNL.HPLC.330	> 0.25	0.300	mg/serving
Physical				
Specific Gravity	SNL.USP.841.01		1.105	g/mL
Serving Size	SNL.MA.210		2.00	mL

Report Approved by: Joel Nelson
 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. This Certificate of Analysis is provided for the exclusive use of the addressee. The laboratory accepts no responsibility/liability except for the due performance of inspection and/or analysis in good faith.