



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

PRODUCT SPECIFICATION AND CERTIFICATE OF ANALYSIS

Document #	FP.077	Rev. 3	Effective Date 04/29/2020
Product Code#	QSCBSAX01		
CBD SYNERGIES – AX (CALMING FORMULA)			

Lot Number:	CBSAX2101/1
Manufacturing Date:	03/2021
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	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cadmium	ICPMS	≤ 2ppm	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Lead	ICPMS	≤ 1ppm	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Mercury	ICPMS	≤ 1ppm	Conforms	<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	≥10 mg/2mL	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cannabidiol	LC/MS/MS or HPLC	≥10 mg/2mL	12.072mg/2mL	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
THC	LC/MS/MS or HPLC	≤ 0.01%	0.00063%	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
CBDA	LC/MS/MS or HPLC	For Information Only	Not Detected	N/A



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Product Code#	QSCBSAX01		
CBD SYNERGIES – AX (CALMING FORMULA)			

Test Performed	Method	Specification	Result	Pass/Fail
CBG	LC/MS/MS or HPLC	For Information Only	0.0086 mg/mL	N/A
CBN	LC/MS/MS or HPLC	For Information Only	Below Limit of Quantitation	N/A
CBC	LC/MS/MS or HPLC	For Information Only	0.0149 mg/mL	N/A
CBDA	LC/MS/MS or HPLC	For Information Only	Not Detected	N/A

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

NOTES:

Total Batch Size: 144L

Bottles Produced: 2625 bottles

Product Description: Liposomal hemp tincture. 10mg cannabinoids per serving.

Ingredient	Manufacturer	Lot Number
Broad Spectrum Hemp Extract	Centuria	190073
Broad Spectrum Hemp Extract	N/A	N/A
Broad Spectrum Hemp Extract	N/A	N/A

Released:

Quality Assurance: *[Signature]* Date: 03/16/21



Report Number: 210309 021-03
Date Reported: 3/15/2021 10:59:44 AM

Sample Details

Product #: CBD Synergies AX (Calming Formula)
Description: CBD Synergies AX (Calming Formula)
Lot #: CBSAX2101/1
Received: 3/9/2021 3:43:26 PM

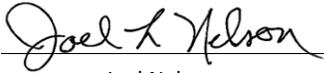
Customer Information

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	> 10	11.617	mg/serving
Physical				
Serving Size	SNL.MA.210		2.00	mL
Specific Gravity	SNL.USP.841.01		1.057	g/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 Report is provided for the exclusive use of the addressee. Summit accepts no responsibility/liability except for the due performance of inspection and/or analysis in good faith.

March 12, 2021

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

Order No. 521156
Sample No. 1075810

SAMPLE INFORMATION

Description CBD Synergies AX
Lot Number CBSAX2101/1
Category (Type) Non-Inhalable Orally Consumed Concentrate (Tincture)
Received March 09, 2021

ANALYTICAL RESULTS

Analysis Cannabinoid Profile
Instrument Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)
Method MF12D012
Analysis Date March 09, 2021 to March 12, 2021

Cannabinoid	mg/g	%	mg/ml
Δ8-THC	ND	ND	ND
Δ9-THC	0.0063	0.00063	0.0067
Δ9-THCA	ND	ND	ND
THCV	ND	ND	ND
THCVA	ND	ND	ND
CBD	5.5801	0.55801	5.8926
CBDA	ND	ND	ND
CBC	0.0141	0.00141	0.0149
CBCA	ND	ND	ND
CBDV	0.1053	0.01053	0.1112
CBG	0.0082	0.00082	0.0086
CBGA	ND	ND	ND
CBN	<LOQ (0.0020)	<LOQ (0.00020)	<LOQ (0.0021)
Total THC	0.0063	0.00063	0.0067
Total CBD	5.5801	0.55801	5.8926
Total Cannabinoids	5.7159	0.57159	6.0360
Total Active Cannabinoids	5.7159	0.57159	6.0360
g/ml Conversion Factor	1.056		

Reported by
Anresco, Inc.




Derek Moy
Senior Analyst

March 12, 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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Broad Spectrum Hemp Extract	N/A	N/A
Broad Spectrum Hemp Extract	N/A	N/A

Released:

Quality Assurance: *[Signature]* Date: 03/16/21

If you liked our service, please tell a friend. If you didn't, please tell us!

Test Certificate

 Description: CBD Synergies AX
 Sample ID:
 Lot No: CBSAX2101/1
 Location:
 Received: 3/9/2021
 Completed: 3/16/2021

 Client: Quicksilver Scientific
 1376 Miners Drive
 Suite 103
 Lafayette, CO 80026

Lab No: 212088-02

Analysis	Result	Per Unit	Specifications	Method
Mercury	<0.001	ppm	Report	ICP-MS USP <730>
Lead	0.013	ppm	Report	ICP-MS USP <730>
Arsenic	0.005	ppm	Report	ICP-MS USP <730>
Cadmium	<0.001	ppm	Report	ICP-MS USP <730>
Total Aerobic Microbial Count	<10	CFU/g	Report	USP <2021>
Coliform	<10	CFU/g	Report	AOAC 991.14
E Coli	Absent	per 10 grams	Report	USP <2022>
Salmonella	Absent	per 10 grams	Report	USP <2022>
Staphylococcus aureus	Absent	per 10 grams	Report	USP <2022>
Total Yeast & Mold	<10	CFU/g	Report	USP <2021>
Pseudomonas	Absent	per 10 grams	Report	USP <62>

THESE RESULTS APPLY ONLY TO THE SAMPLE SUBMITTED AND NOT TO THE PRODUCT FROM WHICH IT WAS TAKEN. THESE RESULTS ARE PROVIDED ONLY FOR THE BENEFIT OF CLIENT, WITHOUT REPRESENTATION OR WARRANTY OF ANY KIND, EXCEPT FOR THE EXPRESS LIMITED WARRANTY PROVIDED SOLELY TO CLIENT IN ADVANCED LABORATORIES' TERMS OF SERVICE.

THIS CERTIFICATE SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT WRITTEN APPROVAL FROM ADVANCED LABORATORIES.

 Results Approved By: 
 Lana Kaytso-Administrative Assistant

Dated: 3/16/2021

Printed: 3/16/2021 4:42:06 PM



March 11, 2021

QUICKSILVER SCIENTIFIC

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

Order No. 521156
Sample No. 1075810

SAMPLE INFORMATION

Description CBD Synergies AX
Lot Number CBSAX2101/1
Category (Type) Non-Inhalable Orally Consumed Concentrate (Tincture)
Received March 09, 2021

ANALYTICAL RESULTS

Analysis Pesticides Screen ✔ Pass
Instrument Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)
Method MF 21P030
Analysis Date March 09, 2021 to March 11, 2021

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Abamectin	0.04/0.10	ND	0.3	Pass
Acephate	0.04/0.10	ND	5.0	Pass
Acequinocyl	0.04/0.10	ND	4.0	Pass
Acetamiprid	0.04/0.10	ND	5.0	Pass
Aldicarb	0.04/0.10	ND	0.04	Pass
Azoxystrobin	0.04/0.10	ND	40.0	Pass
Bifenazate	0.04/0.10	ND	5.0	Pass
Bifenthrin	0.20/0.50	ND	0.5	Pass
Boscalid	0.04/0.10	ND	10.0	Pass
Captan	0.25/0.70	ND	5.0	Pass
Carbaryl	0.20/0.50	ND	0.5	Pass
Carbofuran	0.04/0.10	ND	0.04	Pass
Chlorantraniliprole	0.04/0.10	ND	40.0	Pass
Chlordane	0.04/0.10	ND	0.04	Pass
Chlorfenapyr	0.04/0.10	ND	0.04	Pass
Chlorpyrifos	0.04/0.10	ND	0.04	Pass
Clofentezine	0.04/0.10	ND	0.5	Pass
Coumaphos	0.04/0.10	ND	0.04	Pass
Cyfluthrin	0.70/2.00	ND	1.0	Pass
Cypermethrin	0.35/1.00	ND	1.0	Pass
Daminozide	0.04/0.10	ND	0.04	Pass
DDVP (Dichlorovous)	0.04/0.10	ND	0.04	Pass
Diazinon	0.04/0.10	ND	0.2	Pass
Dimethoate	0.04/0.10	ND	0.04	Pass
Dimethomorph	0.04/0.10	ND	20.0	Pass
Ethoprop(hos)	0.04/0.10	ND	0.04	Pass
Etofenprox	0.04/0.10	ND	0.04	Pass
Etoxazole	0.04/0.10	ND	1.5	Pass
Fenhexamid	0.04/0.10	ND	10.0	Pass
Fenoxycarb	0.04/0.10	ND	0.04	Pass
Fenpyroximate	0.04/0.10	ND	2.0	Pass
Fipronil	0.04/0.10	ND	0.04	Pass

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

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Fonicamid	0.04/0.10	ND	2.0	Pass
Fludioxanil	0.04/0.10	ND	30.0	Pass
Hexythiazox	0.04/0.10	ND	2.0	Pass
Imazalil	0.04/0.10	ND	0.04	Pass
Imidacloprid	0.04/0.10	ND	3.0	Pass
Kresoxim Methyl	0.04/0.10	ND	1.0	Pass
Malathion	0.20/0.50	ND	5.0	Pass
Metalaxyl	0.04/0.10	ND	15.0	Pass
Methiocarb	0.04/0.10	ND	0.04	Pass
Methomyl	0.04/0.10	ND	0.1	Pass
Methyl parathion	0.04/0.10	ND	0.04	Pass
Mevinphos	0.04/0.10	ND	0.04	Pass
Myclobutanil	0.04/0.10	ND	9.0	Pass
Naled	0.04/0.10	ND	0.5	Pass
Oxamyl	0.04/0.10	ND	0.2	Pass
Paclobutrazol	0.04/0.10	ND	0.04	Pass
Pentachloronitrobenzene	0.04/0.10	ND	0.2	Pass
Permethrins	0.20/0.50	ND	20.0	Pass
Phosmet	0.04/0.10	ND	0.2	Pass
Piperonyl Butoxide	0.04/0.10	ND	8.0	Pass
Prallethrin	0.04/0.10	ND	0.4	Pass
Propiconazole	0.04/0.10	ND	20.0	Pass
Propoxur	0.04/0.10	ND	0.04	Pass
Pyrethrins	0.20/0.50	ND	1.0	Pass
Pyridaben	0.04/0.10	ND	3.0	Pass
Spinetoram	0.04/0.10	ND	3.0	Pass
Spinosad	0.04/0.10	ND	3.0	Pass
Spiromesifen	0.04/0.10	ND	12.0	Pass
Spirotetramat	0.04/0.10	ND	13.0	Pass
Spiroxamine	0.04/0.10	ND	0.04	Pass
Tebuconazole	0.04/0.10	ND	2.0	Pass
Thiacloprid	0.04/0.10	ND	0.04	Pass
Thiamethoxam	0.35/1.00	ND	4.5	Pass
Trifloxystrobin	0.04/0.10	ND	30.0	Pass

Reported by
Anresco, Inc.

ND = None Detected



Eric Tam
Senior Chemist

March 11, 2021

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

ANALYTICAL RESULTS

Analysis Mycotoxins Screen ✔ Pass
Instrument Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)
Method MF 21P030
Analysis Date March 09, 2021 to March 11, 2021

Analyte	LOD/LOQ (µg/kg)	Findings (µg/kg)	Limit (µg/kg)	Status
Aflatoxin B1	1/5	ND	-	-
Afalatoxin B2	1/5	ND	-	-
Aflatoxin G1	1/5	ND	-	-
Aflatoxin G2	1/5	ND	-	-
Total Aflatoxins	10/20	ND	20	Pass
Ochratoxin A	10/20	ND	20	Pass

Reported by **Anresco, Inc.** ND = None Detected



Eric Tam
Senior Chemist

March 11, 2021

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

March 11, 2021

QUICKSILVER SCIENTIFIC

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

Order No. 521156
Sample No. 1075810

SAMPLE INFORMATION

Description CBD Synergies AX
Lot Number CBSAX2101/1
Category (Type) Non-Inhalable Orally Consumed Concentrate (Tincture)
Received March 09, 2021

ANALYTICAL RESULTS

Analysis Terpene Profile
Instrument Gas Chromatography Mass Spectrometry (GC/MS)
Method American Herbal Pharmacopoeia
Analysis Date March 09, 2021 to March 11, 2021

Terpene	mg/g	%
α-Pinene	0.03	0.003
Isopulegol	ND	ND
Camphene	ND	ND
Menthol	ND	ND
β-Myrcene	0.04	0.004
(-)-Borneol	ND	ND
β-Pinene	0.18	0.018
Terpineol	ND	ND
δ-3-Carene	ND	ND
Citronellol	ND	ND
Limonene	2.08	0.207
Geraniol	ND	ND
α-Terpinene	ND	ND
β-Caryophyllene	1.99	0.199
trans-beta-Ocimene	ND	ND
α-Humulene	0.15	0.015
cis-beta-Ocimene	ND	ND
cis-Nerolidol	ND	ND
p-Cymene	ND	ND
trans-Nerolidol	ND	ND
Eucalyptol	ND	ND
Guaiol	BLOQ	BLOQ
γ-Terpinene	0.08	0.008
Caryophyllene Oxide	BLOQ	BLOQ
Terpinolene	ND	ND
α-Bisabolol	0.02	0.002
Linalool	BLOQ	BLOQ
Eudesmol	BLOQ	BLOQ
Total Terpenes	4.56	0.456

Reported by
Anresco, Inc.




Kaiyin Chen
Analyst II

March 11, 2021

Limit of Detection: 0.004 mg/g
Limit of Quantitation: 0.013 mg/g
ND = None Detected
<LOQ = Below Limit of Quantitation
<LOD = Below Limit of Detection

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