

July 09, 2020

**QUICKSILVER SCIENTIFIC**

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

Order No. 514204  
Sample No. 1052873

**SAMPLE INFORMATION**

**Description** CBD Synergies AX  
**Lot Number** CBSAX2002  
**Category (Type)** Orally Consumed Concentrate (Tincture)  
**Received** July 06, 2020

**ANALYTICAL RESULTS**

**Analysis** Cannabinoid Profile  
**Instrument** Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)  
**Method** MF12D012  
**Analysis Date** July 06, 2020 to July 09, 2020

Analyte	mg/g	%	Status
Δ8-THC	-	-	-
Δ9-THC	0.0065	0.00065	-
Δ9-THCA	ND	ND	-
THCV	-	-	-
CBD	6.125	0.6125	-
CBDA	ND	ND	-
CBC	0.009	0.0009	-
CBCA	-	-	-
CBDV	-	-	-
CBG	0.007	0.0007	-
CBGA	-	-	-
CBN	ND	ND	-
Total THC	0.0065	0.00065	-
Total CBD	6.125	0.6125	-
Total Cannabinoids	6.1476	0.61476	-
Total Active Cannabinoids	6.1476	0.61476	-

Reported by  
**Anresco, Inc.**




Derek Moy  
Analyst

July 09, 2020

Limit of Quantitation: 0.0050 mg/g  
Limit of Detection: 0.0017 mg/g  
ND = None Detected  
<LOQ = Below Limit of Quantitation  
<LOD = Below Limit of Detection

July 13, 2020

## QUICKSILVER SCIENTIFIC

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

Order No. 514258  
 Sample No. 1053017

## SAMPLE INFORMATION

**Description** CBD Synergies AX  
**Lot Number** CBSAX2002/1  
**Category (Type)** Orally Consumed Concentrate (Tincture)  
**Received** July 08, 2020

## ANALYTICAL RESULTS

**Analysis** Pesticide Residue Screen ✔ Pass  
**Instrument** Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)  
**Method** MF 21P030  
**Analysis Date** July 08, 2020 to July 13, 2020

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	0.10/0.25	ND	0.5	Pass
Boscalid	0.04/0.10	ND	10.0	Pass
Captan	0.20/0.50	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	0.20/0.50	ND	1.0	Pass
Cypermethrin	0.20/0.50	ND	1.0	Pass
Daminozide	0.04/0.10	ND	0.04	Pass
DDVP (Dichlorvos)	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

If there are any questions with this report, please contact "[compliance@anresco.com](mailto:compliance@anresco.com)".

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Analyte	LOD / LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
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
Flonicamid	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	0.20/0.50	ND	0.2	Pass
Paclbutrazol	0.04/0.10	ND	0.04	Pass
Pentachloronitrobenzene	0.04/0.10	ND	0.2	Pass
Permethrins	0.10/0.25	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

If there are any questions with this report, please contact "[compliance@anresco.com](mailto:compliance@anresco.com)".

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## ANALYTICAL RESULTS

**Analysis** Mycotoxin Screen ✔ Pass  
**Instrument** Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)  
**Method** MF 21P030  
**Analysis Date** July 08, 2020 to July 13, 2020

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  
 <LOQ = Below Limit of Quantitation  
 <LOD = Below Limit of Detection




Eric Tam  
 Senior Chemist

July 13, 2020



Report Number: 200706 023-05  
Date Reported: 7/14/2020 5:09:14 PM

**Sample Details**

Product #: CBD Synergies AX (Calming For  
Description: CBD Synergies AX (Calming For  
Lot #: CBSAX2002  
Received: 7/6/2020 4:31:12 PM

**Customer Informatio**

Sample Details:

**Certificate of Analysis**

Chemistry	Method	Specifications	Result	Units
<b>Amino Acids</b> 5-Hydroxy-L-Tryptophan	WI.HPLC.329.06	> 10	11.117	mg/serving
<b>Physical</b> Serving Size	SNL.MA.210		2.00	mL
Specific Gravity	SNL.USP.841.01		1.060	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.

July 13, 2020

**QUICKSILVER SCIENTIFIC**

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

Order No. 514258  
Sample No. 1053017

**SAMPLE INFORMATION**

**Description** CBD Synergies AX  
**Lot Number** CBSAX2002/1  
**Category (Type)** Orally Consumed Concentrate (Tincture)  
**Received** July 08, 2020

**ANALYTICAL RESULTS**

**Analysis** Residual Solvent Screen ✘ Fail  
**Instrument** Gas Chromatography Mass Spectrometry (GC/MS)  
**Method** USP OVI<467>  
**Analysis Date** July 08, 2020 to July 13, 2020

Analyte	LOD / LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
1,2-Dichloroethane	0.10/1.00	ND	1.0	Pass
Acetone	11/150	ND	5000	Pass
Acetonitrile	1/12	ND	410	Pass
Benzene	0.10/1.00	ND	1.0	Pass
n-Butane	130/400	ND	5000	Pass
Chloroform	0.10/1.00	ND	1.0	Pass
Ethanol	13/200	95269	5000	Fail
Ethyl Acetate	5/80	ND	5000	Pass
Ethyl Ether	17/50	ND	5000	Pass
Ethylene Oxide	0.50/1.00	ND	1.0	Pass
n-Heptane	15/100	ND	5000	Pass
n-Hexane	2/10	ND	290	Pass
Isopropyl Alcohol	5/100	ND	5000	Pass
Methanol	3/50	<LOQ	3000	Pass
Methylene Chloride	0.50/1.00	ND	1.0	Pass
n-Pentane	26/150	ND	5000	Pass
Propane	170/510	ND	5000	Pass
Toluene	2/30	ND	890	Pass
Total Xylenes	5/90	ND	2170	Pass
Trichloroethylene	0.10/1.00	ND	1.0	Pass

Reported by  
**Anresco, Inc.**

ND = None Detected  
<LOQ = Below Limit of Quantitation  
<LOD = Below Limit of Detection



Kaiyin Chen  
Analyst

July 13, 2020

If there are any questions with this report, please contact "[compliance@anresco.com](mailto:compliance@anresco.com)".

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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		
<b>CBD SYNERGIES – AX (CALMING FORMULA)</b>			

Lot Number:	CBSAX2002/1
Manufacturing Date:	07/2020
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 <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	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	12.28mg/2ml	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
THC	LC/MS/MS or HPLC	≤ 0.01%	0.00%	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail



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		
<b>CBD SYNERGIES – AX (CALMING FORMULA)</b>			

Test Performed	Method	Specification	Result	Pass/Fail
CBDA	LC/MS/MS or HPLC	For Information Only	Not Detected	N/A
CBG	LC/MS/MS or HPLC	For Information Only	0.0007%	N/A
CBN	LC/MS/MS or HPLC	For Information Only	Not Detected	N/A
CBC	LC/MS/MS or HPLC	For Information Only	0.0009%	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:

Bottles Produced:

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

Ingredient	Manufacturer	Lot Number
Broad Spectrum Hemp Extract	Centuria	190073
Broad Spectrum Hemp Extract		
Broad Spectrum Hemp Extract		

Released:

Quality Assurance:

*Jessica Beatony*

Date:

07/15/2020





40 West Louise Ave., Salt Lake City, UT 84115  
 Phone: (801) 485-1800 Fax: (801) 484-9211  
 Email: utlab@advancedlabsinc.com  
**FDA Registration #14353128308**

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: CBSAX2002/1  
 Location:  
 Received: 7/7/2020  
 Completed: 7/14/2020

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

Lab No: 199485-01

Analysis	Result	Per Unit	Specifications	Method
Mercury	0.007	ppm	Report	ICP-MS USP <730>
Lead	0.003	ppm	Report	ICP-MS USP <730>
Arsenic	<0.001	ppm	Report	ICP-MS USP <730>
Cadmium	0.017	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:   
 Kristina Noll - Quality Technician

Dated: 7/14/2020

Printed: 7/14/2020 4:36:56 PM





40 West Louise Ave., Salt Lake City, UT 84115  
 Phone: (801) 485-1800 Fax: (801) 484-9211  
 Email: utlab@advancedlabsinc.com  
**FDA Registration #14353128308**

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

## Test Certificate

Description: Hemp AX  
 Sample ID:  
 Lot No: CBSAX2002/1  
 Location:  
 Received: 7/7/2020  
 Completed: 7/14/2020

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

Lab No: 199485-02

Analysis	Result	Per Unit	Specifications	Method
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>

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Results Approved By:   
 Kristina Noll - Quality Technician

Dated: 7/14/2020

Printed: 7/14/2020 4:36:56 PM

