



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

## PRODUCT SPECIFICATION AND CERTIFICATE OF ANALYSIS

Document #	FP.149	Rev. 1	Effective Date 09/21/2020
Product Code#	QSCBSAX01		
<b>MORGAN BIOMEDICAL CBD SYNERGIES AX</b>			

Lot Number:	CBSAX2003/1
Manufacturing Date:	09/2020
Bottle Size:	50 mL
Storage Recommendation:	Room Temperature
Shelf Life / EXP Date:	Shelf life in commonly maintained two years after 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	$\leq 100$ cfu/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	AOAC2014.05	$\leq 1000$ 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
<i>Pseudo. aeruginosa</i>	mUSP62	Absent	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Arsenic	ICPMS	$\leq 2$ ppm	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cadmium	ICPMS	$\leq 2$ ppm	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Lead	ICPMS	$\leq 1$ ppm	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Mercury	ICPMS	$\leq 1$ ppm	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	$\geq 10$ mg/2mL	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cannabidiol	LC/MS/MS or HPLC	$\geq 10$ mg/2mL	11.94 mg/2mL	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
THC	LC/MS/MS or HPLC	ND	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail



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Product Code#	QSCBSAX01		
<b>MORGAN BIOMEDICAL CBD SYNERGIES AX</b>			

Test Performed	Method	Specification	Result	Pass/Fail
CBDA	LC/MS/MS or HPLC	For Information Only	ND	N/A
CBG	LC/MS/MS or HPLC	For Information Only	ND	N/A
CBN	LC/MS/MS or HPLC	For Information Only	ND	N/A
CBC	LC/MS/MS or HPLC	For Information Only	ND	N/A
CBDA	LC/MS/MS or HPLC	For Information Only	ND	N/A

\*100% label claim at the time of manufacture

\*\*Solvent and Pesticide testing performed annually

### NOTES:

Total Batch Size: 150L

Bottles Produced: 2004

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

Ingredient	Manufacturer	Lot Number
Broad Spectrum Hemp Extract	Centuria	190049
Broad Spectrum Hemp Extract		
Broad Spectrum Hemp Extract		

Released:

Quality Assurance:

Date:

10/01/2020





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## 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:	CBSAX2003/1
Manufacturing Date:	09/2020
Bottle Size:	50 mL
Storage Recommendation:	Room Temperature
Shelf Life / EXP Date:	Shelf life 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	$\leq 100$ cfu/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	$\leq 1000$ 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
<i>Pseudo. aeruginosa</i>	mUSP62	Absent	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Arsenic	ICPMS	$\leq 2$ ppm	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cadmium	ICPMS	$\leq 2$ ppm	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Lead	ICPMS	$\leq 1$ ppm	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Mercury	ICPMS	$\leq 1$ ppm	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	$\geq 10$ mg/2mL	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cannabidiol	LC/MS/MS or HPLC	$\geq 10$ mg/2mL	11.94 mg/2mL	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
THC	LC/MS/MS or HPLC	$\leq 0.01\%$	ND	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
CBDA	LC/MS/MS or HPLC	For Information Only	ND	N/A



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Product Code#	QSCBSAX01		
<b>CBD SYNERGIES – AX (CALMING FORMULA)</b>			

Test Performed	Method	Specification	Result	Pass/Fail
CBG	LC/MS/MS or HPLC	For Information Only	ND	N/A
CBN	LC/MS/MS or HPLC	For Information Only	ND	N/A
CBC	LC/MS/MS or HPLC	For Information Only	ND	N/A
CBDA	LC/MS/MS or HPLC	For Information Only	ND	N/A

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

**NOTES:**

Total Batch Size: 150L  
 Bottles Produced: 655  
 Product Description: Liposomal hemp tincture. 10mg cannabinoids per serving.

Ingredient	Manufacturer	Lot Number
Broad Spectrum Hemp Extract	Centuria	190049
Broad Spectrum Hemp Extract		
Broad Spectrum Hemp Extract		

Released:  
 Quality Assurance:  Date: 10/1/2020





**IEH**  
Laboratories &  
Consulting Group

# CERTIFICATE OF ANALYSIS

## Quicksilver Scientific

Contact: Jena Murray  
1376 Miners Dr. Ste 101  
Lafayette, CO 80026  
Phone: 3035310861

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Lake Forest Park, WA 98155  
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www.iehinc.com

### TRADE SECRET / CONFIDENTIAL COMMERCIAL INFORMATION

<b>Lab &amp; Cust. Sample Id</b>	<b>Description / Method / Result</b>	<b>Contact:</b>	<b>Sales Order #</b>
<b>WO: 1144986</b>		<b>Phone:</b>	<b>Purchase Order # lipo</b>
		<b>Fax:</b>	
<b>1144986-002 (CBSAX1901)</b>	supplement CBD Synergies AX	<b>Samples Received:</b>	<b>Report Date: 9/28/2019</b>
			<b>Report No: LFP-204130</b>

**1144986-002 (CBSAX1901)** supplement CBD Synergies AX  
Analysis Date: 9/27/2019

Almond Protein Allergen	Not Detected	ppm
Buckwheat Protein Allergen	Not Detected	ppm
Crustacean Protein Allergen	Not Detected	ppm
Egg Protein Allergen	Not Detected	ppm
Gluten Allergen	Not Detected	ppm
Hazelnut Protein Allergen	Not Detected	ppm
Lupin Residue	Not Detected	ppm
Mustard Protein Allergen	Not Detected	ppm
Peanut Protein Allergen	Not Detected	ppm
Sesame Seed Protein Allergen	Not Detected	ppm
Soy Protein Allergen	Not Detected	ppm
Total Milk Protein	Not Detected	ppm
Brazil Nut Protein Lateral Flow	Not Detected	/ppm
Cashew Protein Lateral Flow	Not Detected	/ppm
Celery Specific DNA Test	Not Detected	

UNLESS OTHERWISE NOTED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION. THE RESULT(S) IN THIS REPORT RELATE ONLY TO THE PORTION OF THE SAMPLE(S) TESTED. THIS REPORT DOES NOT CONSTITUTE A RELEASE OF PRODUCT FOR CONSUMPTION. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS DOCUMENT CONTAINS CONFIDENTIAL COMMERCIAL INFORMATION PURSUANT TO 5 U.S.C. SEC. 552(b)(4).

*Eni Themeli*

Authorized Analyst: Eni Themeli



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**TRADE SECRET / CONFIDENTIAL COMMERCIAL INFORMATION**

<b>Lab &amp; Cust. Sample Id</b>	<b>WO: 1144986</b>
<b>Description / Method / Result</b>	<b>Sales Order #</b>
	<b>Purchase Order # lipo</b>
	<b>Samples Received: 9/27/2019</b>
	<b>Report Date: 9/28/2019</b>
	<b>Report No: LFP-204130</b>

Lab & Cust. Sample Id	Description / Method / Result	Result
Coconut Protein Lateral Flow		Not Detected /ppm
Fish Specific DNA Test		Not Detected
Macadamia Protein Lateral Flow		Not Detected /ppm
Pine Nut Protein Lateral Flow		Not Detected /ppm
Pistachio Protein Lateral Flow		Not Detected /ppm
Walnut/Pecan Protein Lateral Flow		Not Detected /ppm

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*Eni Themeli*

Authorized Analyst: Eni Themeli



**Quicksilver Scientific**

Contact: Jena Murray  
1376 Miners Dr. Ste 101  
Lafayette, CO 80026  
Phone: 3035310861

TRADE SECRET / CONFIDENTIAL COMMERCIAL INFORMATION

Test Method: ,Almond Protein Allergen = Almond Protein Allergen MB539 (Quantitative),Buckwheat Protein Allergen = Buckwheat Protein Allergen MB539 (Quantitative),Crustacean Protein Allergen = Crustacean Allergen MB539 (Quantitative),Egg Protein Allergen = Egg Protein Allergen MB539 (Quantitative),Gluten Allergen = Gluten Allergen MB538 (Quantitative),Hazelnut Protein Allergen = Hazelnut Protein Allergen MB539 (Quantitative),Lupin Residue = Lupin Residue MB538 (Quantitative),Mustard Protein Allergen = Mustard Seed Protein Allergen MB539 (Quantitative),Peanut Protein Allergen = Peanut Protein Allergen MB539 (Quantitative),Sesame Seed Protein Allergen = Sesame Seed Protein Allergen MB540 (Quantitative),Soy Protein Allergen = Soy Protein Allergen MB539 (Quantitative),Total Milk Protein = Total Milk Protein Allergen MB539 (Quantitative),Brazil Nut Protein Lateral Flow = Brazil Nut Protein Lateral Flow MB546 (Elisa Systems LFD),Cashew Protein Lateral Flow = Cashew Protein Lateral Flow MB546 (Elisa Systems LFD),Celery Specific DNA Test = Celery Specific DNA Test MB541, MB547,Coconut Protein Lateral Flow = Coconut Lateral Flow MB546 (Elisa Systems LFD),Fish Specific DNA Test = Fish Specific DNA Test MB541, MB547,Macadamia Protein Lateral Flow = Macadamia Protein Lateral Flow MB546 (Elisa Systems LFD),Pine Nut Protein Lateral Flow = Pine Nut Lateral Flow MB546 (Elisa Systems LFD),Pistachio Protein Lateral Flow = Pistachio Lateral Flow MB546 (Elisa Systems LFD),Walnut/Pecan Protein Lateral Flow = Walnut/Pecan Protein Lateral Flow MB546 (Elisa Systems LFD)

- Note Limit of Detection for Brazil Nut, Cashew, Coconut, Macadamia, Pine Nut, Pistachio and Walnut: 1 ppm
- Limit of Detection for Pecan: 5 ppm
- Limit of Quantification for Almond, Hazelnut, Lupin: 0.5 ppm
- Limit of Quantification for Egg and Mustard: 1 ppm
- Limit of Quantification for Buckwheat, Gluten and Soy: 2.5 ppm
- Limit of Quantification for Peanut, Sesame and Total Milk: 0.25 ppm
- Limit of Quantification for Tropomyosin: 0.05 ppm
- Method Detection Limit (MLD) for Fish PCR: 0.001%
- Method Detection Limit for Celery PCR: 10 pg Celery DNA

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*Eni Themeli*

Authorized Analyst: Eni Themeli



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 Phone: 3035310861

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 Lake Forest Park, WA 98155  
 Phone: 206-522-5432 Fax: 206-524-4639  
 www.iehinc.com

TRADE SECRET / CONFIDENTIAL COMMERCIAL INFORMATION

**Contact:**

**Phone:**

**Sales Order # ,**

**Purchase Order # lipo**

WO: 1146298

**Samples Received:** 10/23/2019

**Report Date:** 10/24/2019

**Report No:** LFP-205537

Lab Sample No	Customer Sample ID	Sample Desc	Customer Comments	GMO
1146298-001	CBSAX190/2	Supplement	CBD Synergies - AX	Not Detected
1146298-002	CBSSP1901/2	Supplement	CBD Synergies - SP	Not Detected
1146298-003	AIS1901/1	Capsule	CBD Synergies - PN	Not Detected
1146298-004	AMS1901/1	Capsule	Microb-Manager	Not Detected

Test Method: GMO = GMO MB541, MB544 (PCR Analysis)

**Note** This sample was tested for the CaMV 35s promoter, FMV promoter, and NOS terminator. Sufficiently intact DNA was extracted from the sample for valid PCR analysis. Method Detection Limit (MDL) is 0.01%.

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Authorized Analyst: Kristina Tenney



October 02, 2019

**QUICKSILVER SCIENTIFIC**

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

Order No. 508648  
 Sample No. 1034827

**SAMPLE INFORMATION**

**Description** CBD Synergies AX (bulk)  
**Lot Number** CBSAX1901  
**Category (Type)** Other (Tincture)  
**Received** September 27, 2019

**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** September 27, 2019 to October 02, 2019

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

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

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	0.04/1.00	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	0.50/1.50	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	0.20/0.50	ND	20.0	Pass
Phosmet	0.04/0.10	ND	0.2	Pass
Piperonyl Butoxide	0.04/0.10	ND	8.0	Pass
Prallethrin	0.50/1.50	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
Acetochlor	0.04-0.20 / 0.1-0.5	ND	-	-
Alachlor	0.04-0.20 / 0.1-0.5	ND	-	-
Aldicarb Sulfone	0.04-0.20 / 0.1-0.5	ND	-	-
Aldicarb sulfoxide*	0.04-0.20 / 0.1-0.5	ND	-	-
Aldrin*	0.04-0.20 / 0.1-0.5	ND	-	-
Atrazine	0.04-0.20 / 0.1-0.5	ND	-	-
Benfluralin	0.04-0.20 / 0.1-0.5	ND	-	-
BHC alpha	0.04-0.20 / 0.1-0.5	ND	-	-
BHC beta	0.04-0.20 / 0.1-0.5	ND	-	-
Bitertanol	0.04-0.20 / 0.1-0.5	ND	-	-
Buprofezin	0.04-0.20 / 0.1-0.5	ND	-	-
Carbendazim (MBC)	0.04-0.20 / 0.1-0.5	ND	-	-

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Analyte	LOD / LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Carfentrazone ethyl	0.04-0.20 / 0.1-0.5	ND	-	-
Chlorobenzilate	0.04-0.20 / 0.1-0.5	ND	-	-
Chlorotoluron	0.04-0.20 / 0.1-0.5	ND	-	-
Chlorpropham	0.04-0.20 / 0.1-0.5	ND	-	-
Chlorpyrifos methyl	0.04-0.20 / 0.1-0.5	ND	-	-
Chlorthiophos	0.04-0.20 / 0.1-0.5	ND	-	-
Clethodim	0.04-0.20 / 0.1-0.5	ND	-	-
Clomazone	0.04-0.20 / 0.1-0.5	ND	-	-
Clothianidin	0.04-0.20 / 0.1-0.5	ND	-	-
Cyazofamid*	0.04-0.20 / 0.1-0.5	ND	-	-
Cymoxanil*	0.04-0.20 / 0.1-0.5	ND	-	-
Cyprodinil*	0.04-0.20 / 0.1-0.5	ND	-	-
Cyromazine	0.04-0.20 / 0.1-0.5	ND	-	-
DCPA (Dacthal)	0.04-0.20 / 0.1-0.5	ND	-	-
Diallate	0.04-0.20 / 0.1-0.5	ND	-	-
Dieldrin	0.04-0.20 / 0.1-0.5	ND	-	-
Diflubenzuron	0.04-0.20 / 0.1-0.5	ND	-	-
Dimethachlor	0.04-0.20 / 0.1-0.5	ND	-	-
Diniconazole	0.04-0.20 / 0.1-0.5	ND	-	-
Dinotefuran	0.04-0.20 / 0.1-0.5	ND	-	-
Diphenamid	0.04-0.20 / 0.1-0.5	ND	-	-
Diphenylamine (DPA)	0.04-0.20 / 0.1-0.5	ND	-	-
Diuron	0.04-0.20 / 0.1-0.5	ND	-	-
Esfenvalerate	0.04-0.20 / 0.1-0.5	ND	-	-
Ethalfuralin	0.04-0.20 / 0.1-0.5	ND	-	-
Ethylan	0.04-0.20 / 0.1-0.5	ND	-	-
Etridazole*	0.04-0.20 / 0.1-0.5	ND	-	-
Fenarimol	0.04-0.20 / 0.1-0.5	ND	-	-
Fenbuconazole	0.04-0.20 / 0.1-0.5	ND	-	-
Fenpropimorph	0.04-0.20 / 0.1-0.5	ND	-	-
Fenthion	0.04-0.20 / 0.1-0.5	ND	-	-
Fenvalerate	0.04-0.20 / 0.1-0.5	ND	-	-
Fluazifop-P-butyl	0.04-0.20 / 0.1-0.5	ND	-	-
Flubendiamide	0.04-0.20 / 0.1-0.5	ND	-	-
Fluchloralin	0.04-0.20 / 0.1-0.5	ND	-	-
Flucythrinate	0.04-0.20 / 0.1-0.5	ND	-	-
Fluoxastrobin	0.04-0.20 / 0.1-0.5	ND	-	-
Flusilazole	0.04-0.20 / 0.1-0.5	ND	-	-
Flutolanil	0.04-0.20 / 0.1-0.5	ND	-	-
Flutriafol	0.04-0.20 / 0.1-0.5	ND	-	-
Fonofos*	0.04-0.20 / 0.1-0.5	ND	-	-
Formetanate Hydrochloride	0.04-0.20 / 0.1-0.5	ND	-	-
Heptachlor	0.04-0.20 / 0.1-0.5	ND	-	-
Hexachlorobenzene	0.04-0.20 / 0.1-0.5	ND	-	-
Hexaconazole	0.04-0.20 / 0.1-0.5	ND	-	-
Hexazinone	0.04-0.20 / 0.1-0.5	ND	-	-
3-Hydroxycarbofuran	0.04-0.20 / 0.1-0.5	ND	-	-
Indoxacarb*	0.04-0.20 / 0.1-0.5	ND	-	-
Isazophos	0.04-0.20 / 0.1-0.5	ND	-	-
Isopropalin	0.04-0.20 / 0.1-0.5	ND	-	-

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
Isoproturon	0.04-0.20 / 0.1-0.5	ND	-	-
Lindane	0.04-0.20 / 0.1-0.5	ND	-	-
Linuron*	0.04-0.20 / 0.1-0.5	ND	-	-
Mandipropamid	0.04-0.20 / 0.1-0.5	ND	-	-
Methamidophos	0.04-0.20 / 0.1-0.5	ND	-	-
Methoxychlor*	0.04-0.20 / 0.1-0.5	ND	-	-
4-4'-Methoxychlor olefin	0.04-0.20 / 0.1-0.5	ND	-	-
Methoxyfenozide	0.04-0.20 / 0.1-0.5	ND	-	-
Metolachlor	0.04-0.20 / 0.1-0.5	ND	-	-
MGK 264*	0.04-0.20 / 0.1-0.5	ND	-	-
Mirex*	0.04-0.20 / 0.1-0.5	ND	-	-
Novaluron	0.04-0.20 / 0.1-0.5	ND	-	-
5-OH Thiabendazole*	0.04-0.20 / 0.1-0.5	ND	-	-
Omethoate*	0.04-0.20 / 0.1-0.5	ND	-	-
Oxadiazon	0.04-0.20 / 0.1-0.5	ND	-	-
Oxyflourfen	0.04-0.20 / 0.1-0.5	ND	-	-
Parathion	0.04-0.20 / 0.1-0.5	ND	-	-
Pebulate*	0.04-0.20 / 0.1-0.5	ND	-	-
Penconazole	0.04-0.20 / 0.1-0.5	ND	-	-
Pendimethalin	0.04-0.20 / 0.1-0.5	ND	-	-
Pentachloroaniline	0.04-0.20 / 0.1-0.5	ND	-	-
Pentachloroanisole	0.04-0.20 / 0.1-0.5	ND	-	-
Pentachlorobenzene	0.04-0.20 / 0.1-0.5	ND	-	-
Pentachlorobenzonitrile	0.04-0.20 / 0.1-0.5	ND	-	-
2-Phenylphenol	0.04-0.20 / 0.1-0.5	ND	-	-
Pirimicarb	0.04-0.20 / 0.1-0.5	ND	-	-
Pirimiphos-ethyl	0.04-0.20 / 0.1-0.5	ND	-	-
Pirimiphos methyl	0.04-0.20 / 0.1-0.5	ND	-	-
Pretilachlor	0.04-0.20 / 0.1-0.5	ND	-	-
Prochloraz*	0.04-0.20 / 0.1-0.5	ND	-	-
Procymidone	0.04-0.20 / 0.1-0.5	ND	-	-
Propamocarb	0.04-0.20 / 0.1-0.5	ND	-	-
Propargite	0.04-0.20 / 0.1-0.5	ND	-	-
Propisochlor	0.04-0.20 / 0.1-0.5	ND	-	-
Propyzamide	0.04-0.20 / 0.1-0.5	ND	-	-
Prothiofos	0.04-0.20 / 0.1-0.5	ND	-	-
Pymetrozine	0.04-0.20 / 0.1-0.5	ND	-	-
Pyraclostrobin	0.04-0.20 / 0.1-0.5	ND	-	-
Pyrimethanil	0.04-0.20 / 0.1-0.5	ND	-	-
Pyriproxyfen	0.04-0.20 / 0.1-0.5	ND	-	-
Quinalphos	0.04-0.20 / 0.1-0.5	ND	-	-
Quintozene	0.04-0.20 / 0.1-0.5	ND	-	-
Sulfentrazone	0.04-0.20 / 0.1-0.5	ND	-	-
Sulfotep	0.04-0.20 / 0.1-0.5	ND	-	-
Tau-Fluvalinate	0.04-0.20 / 0.1-0.5	ND	-	-
Tebufenozide	0.04-0.20 / 0.1-0.5	ND	-	-
Tecnazene	0.04-0.20 / 0.1-0.5	ND	-	-
Tefluthrin	0.04-0.20 / 0.1-0.5	ND	-	-
Terbutylazine	0.04-0.20 / 0.1-0.5	ND	-	-
Tetrachloroaniline	0.04-0.20 / 0.1-0.5	ND	-	-


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Analyte	LOD / LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Tetradifon	0.04-0.20 / 0.1-0.5	ND	-	-
Thiobencarb	0.04-0.20 / 0.1-0.5	ND	-	-
Tolclofos-methyl	0.04-0.20 / 0.1-0.5	ND	-	-
Transfluthrin	0.04-0.20 / 0.1-0.5	ND	-	-
Triadimefon	0.04-0.20 / 0.1-0.5	ND	-	-
Triallate	0.04-0.20 / 0.1-0.5	ND	-	-
Trichlorfon	0.04-0.20 / 0.1-0.5	ND	-	-
Tricyclazole	0.04-0.20 / 0.1-0.5	ND	-	-
Triflumizole	0.04-0.20 / 0.1-0.5	ND	-	-
Trifluralin	0.04-0.20 / 0.1-0.5	ND	-	-
Vamidothion	0.04-0.20 / 0.1-0.5	ND	-	-
Vinclozolin	0.04-0.20 / 0.1-0.5	ND	-	-

Reported by  
**Anresco, Inc.**

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


  
 Mark Rosasco  
 Analyst

October 02, 2019

October 02, 2019

**QUICKSILVER SCIENTIFIC**

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

Order No. 508648  
Sample No. 1034827

**SAMPLE INFORMATION**

**Description** CBD Synergies AX (bulk)  
**Lot Number** CBSAX1901  
**Category (Type)** Other (Tincture)  
**Received** September 27, 2019

**ANALYTICAL RESULTS**

**Analysis** Residual Solvent Screen ✘ Fail  
**Instrument** Gas Chromatography Mass Spectrometry (GC/MS)  
**Method** USP OVI<467>  
**Analysis Date** September 27, 2019 to October 02, 2019

Analyte	LOD / LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
1,2-Dichloroethane	0.40/1.00	ND	1.0	Pass
Acetone	17/75	ND	5000	Pass
Acetonitrile	1/6	ND	410	Pass
Benzene	0.40/1.00	ND	1.0	Pass
n-Butane	200/600	ND	5000	Pass
Chloroform	0.40/1.00	ND	1.0	Pass
Ethanol	22/100	134000	5000	Fail
Ethyl Acetate	9/40	ND	5000	Pass
Ethyl Ether	11/50	ND	5000	Pass
Ethylene Oxide	0.40/1.00	ND	1.0	Pass
n-Heptane	11/50	ND	5000	Pass
n-Hexane	1/5	ND	290	Pass
Isopropyl Alcohol	11/50	ND	5000	Pass
Methanol	6/25	ND	3000	Pass
Methylene Chloride	0.40/1.00	ND	1.0	Pass
n-Pentane	17/75	ND	5000	Pass
Propane	125/250	ND	5000	Pass
Toluene	3/15	ND	890	Pass
Total Xylenes	1/3	ND	2170	Pass
Trichloroethylene	0.40/1.00	ND	1.0	Pass

Reported by  
**Anresco, Inc.**

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




Darryl Cudia  
Analyst

October 02, 2019

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

page 1 of 1





**IEH**  
Laboratories &  
Consulting Group

# CERTIFICATE OF ANALYSIS

QUICKSILVER SCIENTIFIC, INC.

Contact: JANET NEELEY, QA MANAGER  
1376 MINERS DRIVE, SUITE 101  
LAFAYETTE, COLORADO 80026  
Phone: 303-531-0861 ext. 179

IEH Laboratories & Consulting Group  
IEH-Warren Analytical Laboratory  
650 O St.  
Greeley, CO 80631  
Phone: 970-475-0252 Fax: 970-475-0280  
www.iehinc.com / www.warrenlab.com

TRADE SECRET / CONFIDENTIAL COMMERCIAL INFORMATION

Contact:			Sales Order # ,			
Phone:			Purchase Order # LIPO			
WO: 1909538		Samples Received: 9/27/2019		Report Date: 10/1/2019		Report No: WAL-131287
Sample ID#	Test Date	Coll. Date	Form	Type	Description	Sulfide (ppm)
19CH-1909538-38324	9/27/2019	9/26/2019	Liquid	Product	CBD SYNERGIES AX (BULK) -CBSAX1901	18
19CH-1909538-38325	9/27/2019	9/26/2019	Liquid	Product	CBD SYNERGIES SP (BULK) -CBSSP1901	19
Test Method: Sulfide = Sulfide AOAC 990.28						

UNLESS OTHERWISE NOTED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION. THE RESULT(S) IN THIS REPORT RELATE ONLY TO THE PORTION OF THE SAMPLE(S) TESTED. THIS REPORT DOES NOT CONSTITUTE A RELEASE OF PRODUCT FOR CONSUMPTION. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS DOCUMENT CONTAINS CONFIDENTIAL COMMERCIAL INFORMATION PURSUANT TO 5 U.S.C. SEC. 552(b)(4).

*Melanie Carwin President*

Authorized Analyst: Melanie Carwin President



# CERTIFICATE OF ANALYSIS

## QUICKSILVER SCIENTIFIC, INC.

Contact: JANET NEELEY, QA MANAGER  
 1376 MINERS DRIVE, SUITE 101  
 LAFAYETTE, COLORADO 80026  
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IEH Laboratories & Consulting Group  
 IEH-Warren Analytical Laboratory  
 650 O St.  
 Greeley, CO 80631  
 Phone: 970-475-0252 Fax: 970-475-0280  
 www.iehinc.com / www.warrenlab.com

TRADE SECRET / CONFIDENTIAL COMMERCIAL INFORMATION

Contact: Phone:	Sales Order # , Purchase Order # lipo
--------------------	--

WO: 1910998 Samples Received: 11/19/2019 Report Date: 11/29/2019 Report No: WAL-133002

Sample ID#	Test Date	Coll. Date	Form	Type	Description	Sulfite (ppm)	Sulfur Dioxide (ppm)
19CH-1910998-43951	11/19/2019	11/18/2019	Finished Goods	Product	CBD Synergies - PN / AIS1901/2	<10	<10
19CH-1910998-43952	11/19/2019	11/18/2019	Liquid	Product	CBD Synergies - SP / CBSSP1901/2	<10	<10
19CH-1910998-43953	11/19/2019	11/18/2019	Liquid	Product	CBD Synergies - AX / CBSAX1901/2	<10	<10
19CH-1910998-43954	11/19/2019	11/18/2019	Finished Goods	Product	Microb-Manager - AIS1901/1	<10	<10
19CH-1910998-43955	11/19/2019	11/18/2019	Liquid	Product	Full Spectrum Hemp Extract / FSHO1902/1	<10	<10
19CH-1910998-43956	11/19/2019	11/18/2019	Liquid	Product	Broad Spectrum Hemp Extract / BSHO1902/4	<10	<10

Test Method: Sulfite = Sulfite - Mod. Monier-Williams AOAC 990.28, Sulfur Dioxide = Sulfur Dioxide AOAC 990.28

UNLESS OTHERWISE NOTED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION. THE RESULT(S) IN THIS REPORT RELATE ONLY TO THE PORTION OF THE SAMPLE(S) TESTED. THIS REPORT DOES NOT CONSTITUTE A RELEASE OF PRODUCT FOR CONSUMPTION. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS DOCUMENT CONTAINS CONFIDENTIAL COMMERCIAL INFORMATION PURSUANT TO 5 U.S.C. SEC. 552(b)(4).

*Melanie Carwin President*

Authorized Analyst: Melanie Carwin President



Report Number: 200925 006-02  
Date Reported: 9/30/2020 6:31:13 PM

**Sample Details**

Product #: CBD Synergies AX (Calming For  
Description: CBD Synergies AX (Calming For  
Lot #: CBSAX2003  
Received: 9/25/2020 11:13:59 AM

**Customer Informatio**

Quicksilver Scientific  
1376 Miners Drive 101  
Lafayette, CO 80026

Sample Details:

**Certificate of Analysis**

Chemistry	Method	Specifications	Result	Units
<b>Amino Acids</b> 5-Hydroxy-L-Tryptophan	WI.HPLC.329.06	> 10	11.416	mg/serving
<b>Physical</b> Serving Size	SNL.MA.210		2.00	mL
Specific Gravity	SNL.USP.841.01		1.061	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.

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