



1376 Miners Dr., Ste. 101, Lafayette, CO 80026
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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:	CBSAX2203/1
Manufacturing Date:	11/2022
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	<0.005 ppm	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cadmium	ICPMS	≤ 2ppm	<0.005 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	<0.005 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	≥10 mg/2mL	Conforms	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cannabidiol	LC/MS/MS or HPLC	≥10 mg/2mL	6.69mg/ml	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
THC	LC/MS/MS or HPLC	≤ 0.01%	<0.001 mg/ml	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
CBDA	LC/MS/MS or HPLC	For Information Only	<0.001 mg/ml	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	0.177 mg/ml	N/A
CBN	LC/MS/MS or HPLC	For Information Only	<0.001 mg/ml	N/A
CBC	LC/MS/MS or HPLC	For Information Only	<0.001 mg/ml	N/A
CBDA	LC/MS/MS or HPLC	For Information Only	<0.001 mg/ml	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	Mile High Labs	220783
Broad Spectrum Hemp Extract		N/A
Broad Spectrum Hemp Extract		LA 12/13/2022

Released:

Quality Assurance: _____

Louise Murr

Date: _____

12/13/2022



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

Contact Name: Selena Martinez
Contact Information: gs.testresults@quicksilverscientific.com

Sample Information

Product:	CBD AX (unprocessed)	Date Received:	November 28, 2022
Description:	Liposome	Date Analyzed:	November 29, 2022
Lot/Batch#:	CBSAX2203	Report Date:	November 30, 2022

Certificate of Analysis

Analyte	Method	Reporting Limit	Result	Units	Client Product Specifications
CBDV	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	0.0788	mg/ml	N/A
CBDA	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	< 0.001	mg/ml	N/A
CBG	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	0.177	mg/ml	N/A
CBD	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	6.69	mg/ml	N/A
THCV	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	< 0.001	mg/ml	N/A
CBN	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	< 0.001	mg/ml	N/A
delta-9-thc	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.0001	< 0.0001	%	N/A
CBC	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	< 0.001	mg/ml	N/A
THCA	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	< 0.001	mg/ml	N/A

Report Approved by:

Renee A Cortez
Quality Assurance Officer

**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.



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Lab Accreditation Number: 6052.01

Contact Name: Selena Martinez
Contact Information: gs.testresults@quicksilverscientific.com

Sample Information

Product: CBD Synergies- AX
Description: Liposome
Lot/Batch#: CBSAX2203/1

Date Received: December 2, 2022
Date Analyzed: December 5, 2022
Report Date: December 6, 2022

Certificate of Analysis

Analyte	Method	Reporting Limit	Result	Units	Client Product Specifications
CBDV	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	0.07	mg/ml	N/A
CBDA	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	< 0.001	mg/ml	N/A
CBG	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	0.194	mg/ml	N/A
CBD	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	6.85	mg/ml	N/A
THCV	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	< 0.001	mg/ml	N/A
CBN	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	< 0.001	mg/ml	N/A
delta-9-thc	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.0001	< 0.0001	%	N/A
CBC	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	< 0.001	mg/ml	N/A
THCA	QSS-CANNS-HPLC-DAD-DS / In-house Method	0.001	< 0.001	mg/ml	N/A

Report Approved by:

Renee A Cortez
Quality Assurance Officer

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1960 Cherry Street Louisville, CO 80027
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Lab Accreditation Number: 6052.01

Contact Name: Rayden Haber
Contact Information: gs.testresults@quicksilverscientific.com

Sample Information

Product: CBD Synergies - AX
Description: Liposome
Lot/Batch#: CBSAX2203/1

Date Received: December 5, 2022
Date Analyzed: December 9, 2022
Report Date: December 9, 2022

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

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Quicksilver Scientific
1960 Cherry St

Louisville, CO, 80027

Certificate ID # : 1085568-4
Report Date: 12-08-2022
Customer PO # :
Receipt Date: 12-05-2022
Sample Completion Date: 12-08-2022

Analytical Testing Results

Lab Sample ID: S-20221202-0578

Serving Size: 2 mL

Customer Lot # CBSAX2203/1

Calculated Serving Size:

Description: CBD Synergies AX

Test Method Description	Analyte	Specification	Result	U/M
USP <2021>/GL-411 Aerobic Plate Count*	Aerobic Plate Count	100000 Max	<100	CFU/mL
AOAC 991.14/GL-420 Coliforms*	Coliforms	100 Max	<10	CFU/mL
USP <2022>/GL-423 E. coli*	E. coli	In: Negative	Negative	/10g
USP <2022>/GL-441 Staphylococcus aureus*	Staph aureus	In: Negative	Negative	/10g
AOAC 2014.05/GL-451 Rapid Yeasts and Molds*	Yeasts and Molds	1000 Max	<10	CFU/mL
USP <2022>/GL-461 Salmonella*	Salmonella	In: Negative	Negative	/10g
USP/GL-480 Pseudomonas aeruginosa	Pseudomonas aeruginosa	In: Negative	Negative	/10g

Laboratory Comments:

N/A

Reviewed By: Jose Rocha

Approved By: Edgar Grigorian

Date: 12-08-2022

Edgar Grigorian, Laboratory Director

On Behalf of Dyad Labs

Laboratory Notes:

Samples were received in acceptable condition unless otherwise noted in the laboratory comments section. This report may not be distributed or reproduced except in full, without written permission from Dyad Labs. Client shall not at any time misrepresent or alter the contents of this report. Any violation of these conditions voids this report. Dyad Labs assumes no responsibility, and client hereby waives all claims against Dyad Labs, for interpretation of such results. The results apply only to the sample(s) provided by the client. All work is done in accordance with Dyad Labs Terms and Conditions of Sale. Full text available on www.dyadlabs.com/Terms. ISO/IEC 17025:2017 accreditation #71216, certificate #L21-39. The validity of this accreditation certificate should be confirmed through the PJLA website: www.pjla.com.

* - ISO/IEC 17025:2017 Accredited Test