

Certificate of Analysis

Product name: Complete Spectrum 20

Lot Number: 083019

Expiration Date: Oct-2025

Date of Manufacture: Oct-22

Country of Origin: USA

Other Ingredients: Plant derived microcrystalline cellulose, plant derived hypromellose.

ORGANOLEPTIC/PHYSICAL ANALYSIS					
Analysis	Specification	Result	Pass/Fail		
Color	Light Green	Conforms	Pass		
Texture	Fine Powder	Conforms	Pass		
Odor	Mild Grassy/Earthy	Conforms	Pass		
Taste	Mild/Bland	Conforms	Pass		
Capsule Gross Weight	NLT 500 mg	Avg = 571 mg	Pass		
MICROBIOLOGICAL ANALYSIS					
Analysis	Specification	Result	Pass/Fail	Method	Date of Analysis
Moisture	<10%	2.36%	Pass	K-F Titration	11/14/2022
Aerobic Plate Count	<10,000 CFU/g	<100 CFU/g	Pass	USP <2021>	11/14/2022
E. Coli	Absent/10 g	Absent/10 g	Pass	USP <2022>	11/14/2022
Salmonella	Absent/10 g	Absent/10 g	Pass	USP <2022>	11/14/2022
Yeast	<1,000 CFU/g	<10 CFU/g	Pass	USP <2021>	11/14/2022
Mold	<1,000 CFU/g	<10 CFU/g	Pass	USP <2021>	11/14/2022
HEAVY METAL ANALYSIS					
Analysis	Specification	Result	Pass/Fail	Method	Date of Analysis
Arsenic	≤ 10 µg daily	<1 µg	Pass	USP <730>	11/9/2022
Beryllium	≤ 0.1 daily	<0.01 µg	Pass	USP <730>	11/9/2022
Cadmium	< 4.1 µg daily	<0.01 µg	Pass	USP <730>	11/9/2022
Chromium	≤ 8.2 µg daily	<0.28 µg	Pass	USP <730>	11/9/2022
Lead	≤ 0.5 µg daily	<0.03 µg	Pass	USP <730>	11/9/2022
Mercury	≤ 15 µg daily	<1 µg	Pass	USP <730>	11/9/2022
CANNABINOIDS					
Analysis	Specification	Result	Pass/Fail	Method	Date of Analysis
Total Cannabinoids	≥4.55%	6.29%	Pass	AOAC 2012.01	11/14/2022
Total THC	<0.3%	0.120%	Pass	AOAC 2012.01	11/14/2022
Total CBD	≥3.47%	5.19%	Pass		11/14/2022

Date: 11-21-22 Signature

David Delia, Quality Control Manager

Date: 11-21-22 Signature

David Wales, Senior cGMP Compliance Officer

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Certificate of Analysis

American BioSciences, Inc.

500 Bradley Hill Road
Blauvelt New York 10913 United States

Sample Name:	Complete Spectrum 20	Eurofins Sample:	12353828
Project ID	AMERI_BIO-20221107-0024	Receipt Date	07-Nov-2022
PO Number	na	Receipt Condition	Ambient temperature
Lot Number	083019	Login Date	07-Nov-2022
		Date Started	07-Nov-2022
		Sampled	Sample results apply as received
		Number Composited	20

Analysis	Result
Industrial Hemp Cannabinoid Profile	
CBDVA	0.0365 %
CBDV	None detected at detection limit of 0.0008 %
CBDA	4.05 %
CBGA	0.0640 %
CBG	0.0393 %
CBD	1.64 %
THCV	0.00271 %
CBN	0.0232 %
Delta 9-THC	0.0668 %
Delta 8-THC	None detected at detection limit of 0.0017 %
THCA	0.0611 %
CBC	0.116 %
THCVA	<0.00250 %
CBNA	0.0146 %
CBCA	0.172 %
CBL	0.00563 %
Total Cannabinoids	6.29 %
Total THC (THC + (THCA x 0.877))	0.120 %
Total CBD (CBD + (CBDA x 0.877))	5.19 %
Compliance	Analysis performed for compliance testing
Moisture (Karl Fischer method) *	
Karl Fischer Moisture	2.36 %
Aerobic Plate Count *	
Aerobic Plate Count	<100 CFU/g
E. coli *	
Escherichia Coli	Absent /10 g
Salmonella USP *	
Salmonella	Absent /10 g
Yeast and Mold Count *	

* This analysis or component is not ISO accredited.

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		Date Started	07-Nov-2022
		Sampled	Sample results apply as received
		Number Composited	20

Analysis	Result
Yeast and Mold Count *	
Combined Yeast and Mold Count	<10 CFU/g

Method References	Testing Location
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Aerobic Plate Count (USPC2021)

Eurofins Micro Lab - Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

USP Current revision, Chapter 2021.

To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.

**Based on the results of the preparatory test, the detection limit stipulated is adequate for the enumeration of the specified microorganisms.

E. coli (USPE2022)

Eurofins Micro Lab - Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

USP Current revision, Chapter 2022.

To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.

**Based on the results of the preparatory test, conditions stipulated are adequate for detecting the presence of the specified microorganism.

Industrial Hemp Cannabinoid Profile (IHCBD_CO_S)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, AOAC 2018.11, AOAC International, Gaithersburg, MD (Modified).

Moisture (Karl Fischer method) (KFMO_S)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

The United States Pharmacopeial Convention, Rockville, MD (Current Version), (Modified).

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Blauvelt New York 10913 United States

Method References

Testing Location

Salmonella USP (USPS2022)

Eurofins Micro Lab - Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

USP Current revision, Chapter 2022.

To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.

****Based on the results of the preparatory test, conditions stipulated are adequate for detecting the presence of the specified microorganism.**

Yeast and Mold Count (USPM2021)

Eurofins Micro Lab - Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

USP Current revision, Chapter 2021.

To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.

****Based on the results of the preparatory test, the detection limit stipulated is adequate for the enumeration of the specified microorganisms.**

Testing Location(s)

Released on Behalf of Eurofins by

Food Integrity Innovation-Madison

Eurofins Food Chemistry Testing Madison, Inc.
6304 Ronald Reagan Ave
Madison WI 53704
800-675-8375

**Edward Ladwig - President Eurofins Food
Chemistry Testing Madison**



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Analytical Report

November 10, 2022

David Delia
American BioSciences, Inc.
560 Bradley Pkwy, Unit 4
Blauvelt, NY 10913

Page 1 of 1
WO Number: W22K0096

Client: American BioSciences, Inc.
Client #: A6370
Sample Type: Capsule
Collector: Client

Customer PO: 11/02/222
Date Received: 11/3/2022
Date Completed: 11/09/2022
Discard Date: 11/23/2022

CSL#: 22K0295 Complete Spectrum 20 - Lot#: 083019

Parameter	Result	PQL	Method	Date	Instrument	Analyst
Arsenic	<0.01 ug/g	0.01	USP<730>/ KED	11/07/22	7900	MJT
Beryllium	<0.01 ug/g	0.01	USP<730>	11/07/22	7900	MJT
Cadmium	<0.01 ug/g	0.01	USP<730>	11/07/22	7900	MJT
Chromium	<0.50 ug/g	0.50	ICP MS/KED	11/08/22	7900-2	PGA
Lead	<0.050 ug/g	0.050	USP<730>	11/04/22	7900-2	CJS
Mercury	<0.01 ug/g	0.01	USP<730>	11/07/22	7900	MJT

CSL#: 22K0295

Parameter	Result	Serving Size	Unit Weight	Specification
Arsenic	<1 ug/serving	1 Capsule	0.56 g	<10 ug/serving
Beryllium	<0.01 ug/serving	1 Capsule	0.56 g	<0.10 ug/serving
Cadmium	<0.01 ug/serving	1 Capsule	0.56 g	<4.10 ug/serving
Chromium	<0.28 ug/serving	1 Capsule	0.56 g	<8.20 ug/serving
Lead	<0.03 ug/serving	1 Capsule	0.56 g	<0.50 ug/serving
Mercury	<1 ug/serving	1 Capsule	0.56 g	<15 ug/serving

Reviewed and Approved,
SGS Chemical Solutions Laboratories, Inc.

DocuSigned by:
Emely Jimenez
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Quality Assurance

Notes:

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The units for the PQL are the same as those shown for the result.