

Certificate of Analysis

American BioSciences, Inc.

500 Bradley Hill Road
Blauvelt New York 10913 United States

Sample Name:	Hemp Magic	Eurofins Sample:	12071975
Project ID	AMERI_BIO-20220815-0015	Receipt Date	15-Aug-2022
PO Number	NA	Receipt Condition	Ambient temperature
Lot Number	073022	Login Date	15-Aug-2022
		Date Started	15-Aug-2022
		Sampled	Sample results apply as received

Analysis	Result
Industrial Hemp Cannabinoid Profile	
CBDVA	0.0229 %
CBDV	None detected at detection limit of 0.0008 %
CBDA	2.96 %
CBGA	0.0687 %
CBG	0.0134 %
CBD	0.411 %
THCV	<0.00250 %
CBN	None detected at detection limit of 0.0004 %
Delta 9-THC	0.0252 %
Delta 8-THC	None detected at detection limit of 0.0017 %
THCA	0.0650 %
CBC	0.0280 %
THCVA	None detected at detection limit of 0.0004 %
CBNA	0.0141 %
CBCA	0.117 %
CBL	<0.00250 %
Total Cannabinoids	3.73 %
Total THC (THC + (THCA x 0.877))	0.0822 %
Total CBD (CBD + (CBDA x 0.877))	3.01 %
ZMDU9 - Confirmation D Salmonella species [US Food-MAD] USP Chapter <2022> *	
Salmonella species	Absent /10 g
Calculated Sample Weight *	
Entity Weight	0.5433 g
Entity Fill Weight	0.4418 g
Moisture (Karl Fischer method) *	
Karl Fischer Moisture	1.76 %
Aerobic Plate Count *	

* This analysis or component is not ISO accredited.

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Analysis	Result
Aerobic Plate Count *	
Aerobic Plate Count	<100 CFU/g
E. coli *	
Escherichia Coli	Absent /10 g
Salmonella USP *	
Salmonella	Presumptive
Yeast and Mold Count *	
Combined Yeast and Mold Count	<10 CFU/g
Botanical Identification - High Performance Thin-Layer Chromatography *	
HPTLC Image - UV366	

Certificate of Analysis

American BioSciences, Inc.

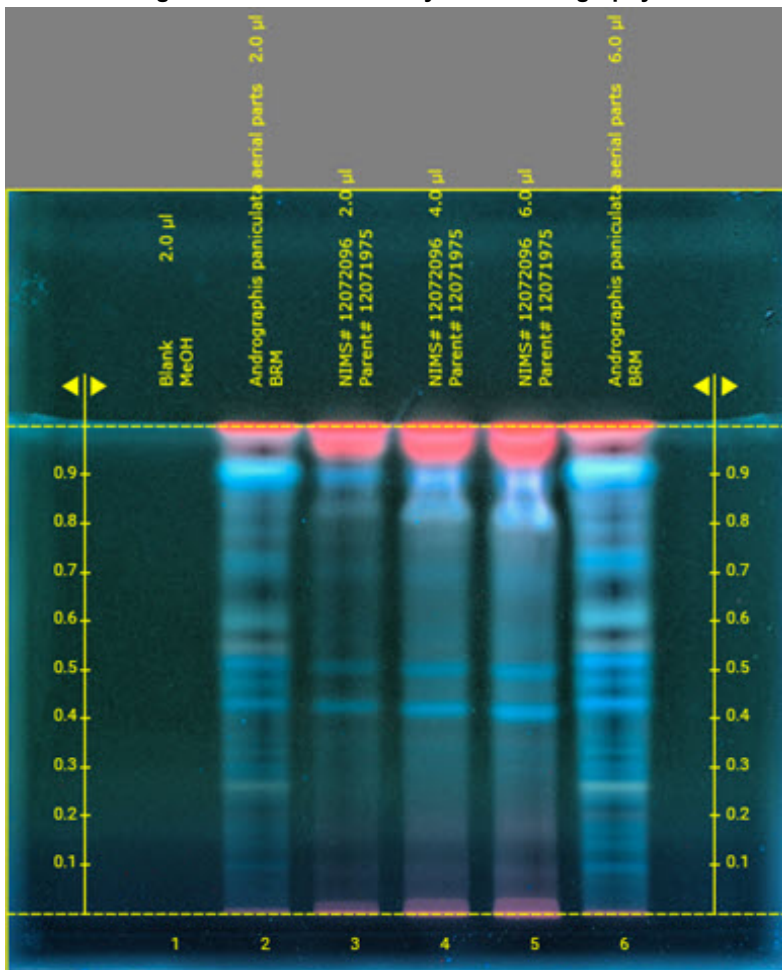
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Analysis

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Botanical Identification - High Performance Thin-Layer Chromatography *



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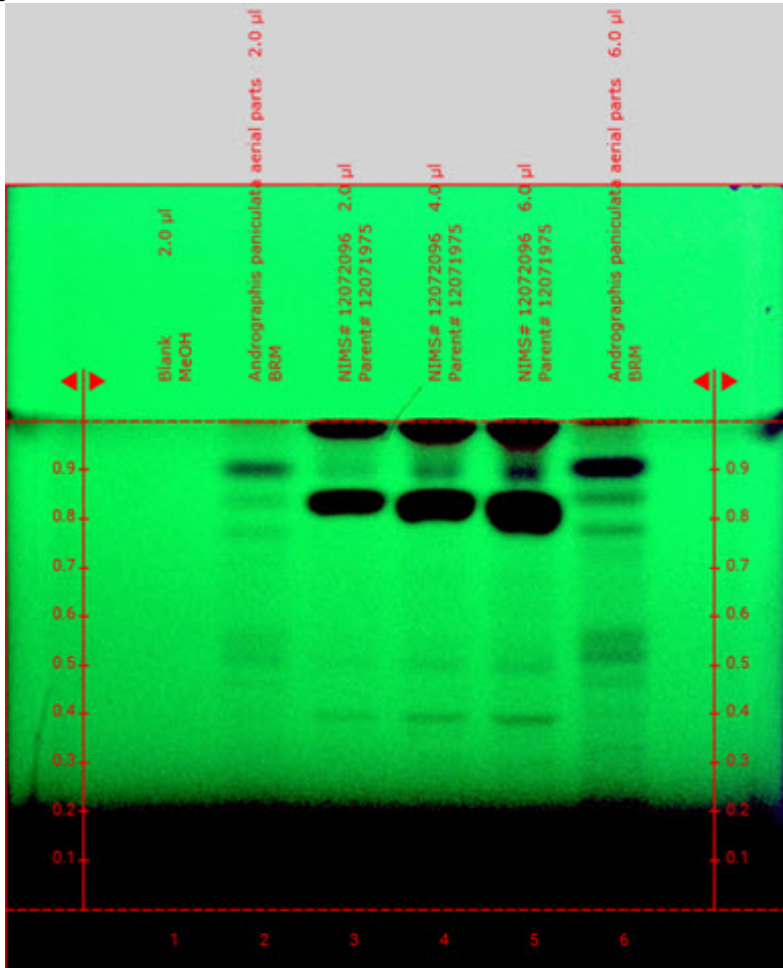
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Botanical Identification - High Performance Thin-Layer Chromatography *

HPTLC Image - UV254



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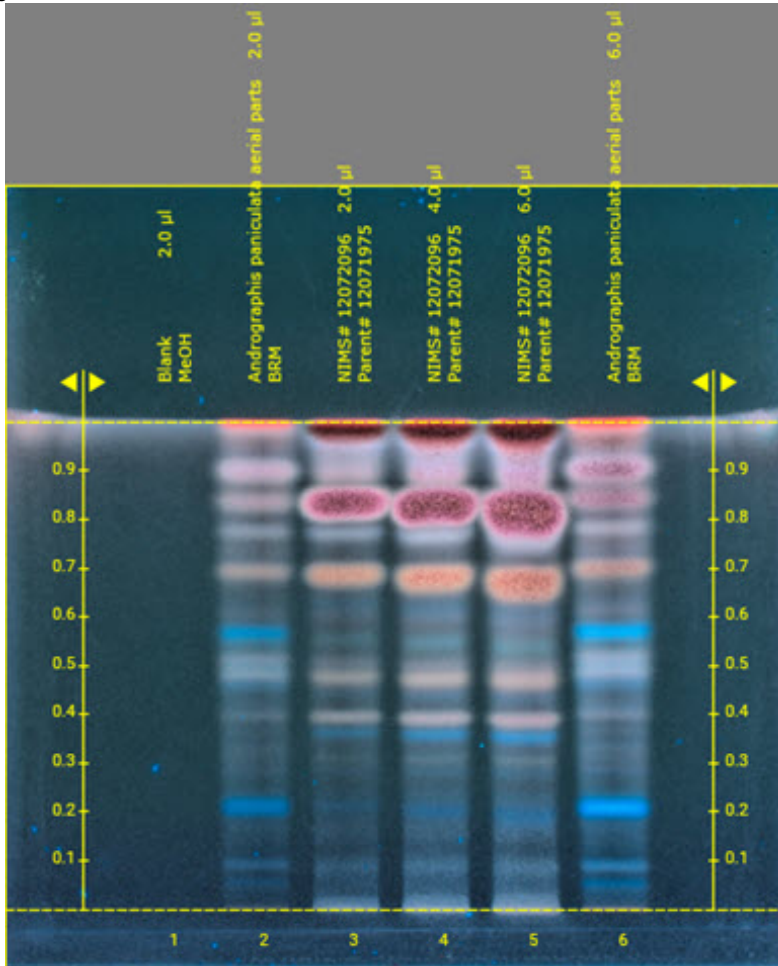
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Botanical Identification - High Performance Thin-Layer Chromatography *

HPTLC Image - UV366, Derivatized



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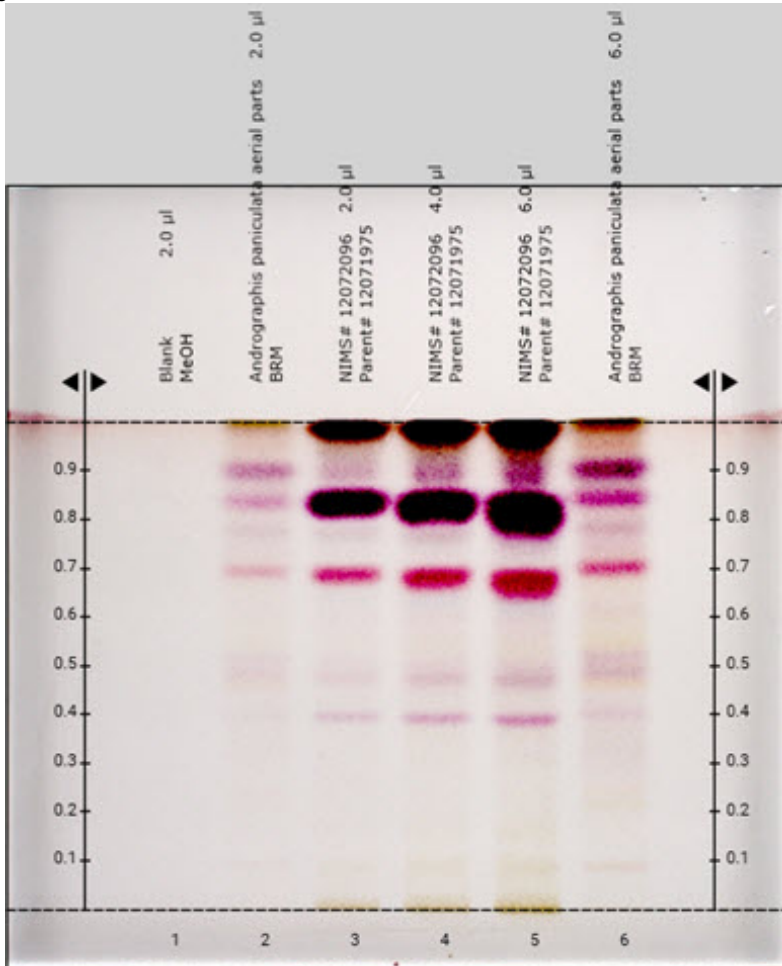
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Botanical Identification - High Performance Thin-Layer Chromatography *

HPTLC Image - Visible, Derivatized



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Botanical Identification - High Performance Thin-Layer Chromatography *

Comments and Conclusions

All major bands of the botanical reference material are also present in the test material. The sample conforms to Andrographis (Andrographis paniculata) aerial parts.

Plant Part

Leaf

Method References

Testing Location

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.

Botanical Identification - High Performance Thin-Layer Chromatography (OC_HPTLC_S)

Food Integrity Innovation-Brea

2951 Saturn Street, Unit C Brea, CA 92821 USA

CDXA-TLCM-233-00

Calculated Sample Weight (PREP_BREA)

Food Integrity Innovation-Brea

2951 Saturn Street, Unit C Brea, CA 92821 USA

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Method References

Testing Location

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_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 Pharmacopeia, Thirty Seventh Revision, <921>, Method 1a, The United States Pharmacopeial Convention, Rockville, MD (2014), (Modified).

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.

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Method References

ZMDU9 - Confirmation D Salmonella species [US Food-MAD] USP Chapter
<2022> (ICO_EML_MA)

Testing Location

Eurofins Micro Lab - Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Testing Location(s)

Released on Behalf of Eurofins by

Food Integrity Innovation-Brea

Eurofins Food Chemistry Testing US, Inc.
2951 Saturn Street
Unit C
Brea CA 92821
800-675-8375

Jason Mulligan - President Eurofins Botanical
Testing Brea

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



2918.01

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