

## Harvest Of Maryland Cultivati

Licensee Permit #: GA-23-00002

Item Name: MarylandMantis\_Flower

Test Tag: 1A40303000000C9000106015

Source Package: 1A40303000000C9000097700

Sample Received: 07/23/2025

Lab ID: HVG106015

Manifest ID: 1873606

METRC Lab Test Batch:

Raw Plant Material

### Cannabinoids\*

Analyte	**MRL	Date Tested	7/24/2025
		Unit	Unit
		% (w/w)	mg/g
CBD	0.1	< MRL	< MRL
CBDa	0.1	< MRL	< MRL
CBN	0.1	< MRL	< MRL
Δ9-THC	0.1	0.35	3.5
THCa	0.1	25.56	255.6
CBDV	0.1	< MRL	< MRL
CBG	0.1	< MRL	< MRL
CBGa	0.1	0.66	6.6
Δ8-THC	0.1	< MRL	< MRL
THCV	0.1	< MRL	< MRL
CBC	0.1	< MRL	< MRL
THCVa	0.1	1.20	12.0
<b>Total THC</b> <small>D8THC+D9THC+(THCa*0.877)</small>		<b>22.76</b>	
<b>Total Cannabinoids</b>		<b>27.77</b>	<b>277.7</b>

Methods: SOP-025-GA; SOP-073-GA

Instrument: HPLC-PDA

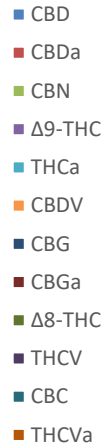
\*dry-weight potency

### Terpenes

Analyte	MRL	Date Tested	7/24/2025
		Unit	Unit
		%	mg/g
alpha-Pinene	0.01	0.02	0.2
Camphene	0.01	< MRL	< MRL
Sabinene	0.01	< MRL	< MRL
beta-Pinene	0.01	0.03	0.3
beta-Myrcene	0.05	0.77	7.7
3-Carene	0.01	Not Tested	Not Tested
alpha-Terpinene	0.01	< MRL	< MRL
p-Cymene	0.01	Not Tested	Not Tested
d-Limonene	0.10	0.27	2.7
Eucalyptol	0.01	< MRL	< MRL
Ocimene	0.10	< MRL	< MRL
gamma-Terpinene	0.01	< MRL	< MRL
Sabinene hydrate	0.01	< MRL	< MRL
Terpinolene	0.01	< MRL	< MRL
Fenchone	0.01	< MRL	< MRL
Linalool	0.05	0.32	3.2
Fenchol	0.01	0.03	0.3
Isopulegol	0.01	Not Tested	Not Tested
Camphor	0.01	< MRL	< MRL
Isoborneol	0.01	< MRL	< MRL
Borneol	0.02	< MRL	< MRL
Menthol	0.01	< MRL	< MRL
Terpineol	0.05	< MRL	< MRL
Nerol	0.10	< MRL	< MRL
Pulegone	0.05	< MRL	< MRL
Geraniol	0.20	< MRL	< MRL
Geraniol acetate	0.20	< MRL	< MRL
alpha-Cedrene	0.01	Not Tested	Not Tested
beta-Caryophyllene	0.01	0.72	7.2
alpha-Humulene	0.01	0.18	1.8
Valencene	0.01	< MRL	< MRL
cis-Nerolidol	0.05	< MRL	< MRL
trans-Nerolidol	0.10	< MRL	< MRL
Caryophyllene oxide	0.01	0.03	0.3
Guaiaol	0.01	< MRL	< MRL
Cedrol	0.01	< MRL	< MRL
beta-Eudesmol	0.01	0.05	0.5
alpha-Bisabolol	0.05	0.13	1.3
<b>Total</b>		<b>2.55</b>	<b>25.5</b>

Methods: SOP-063-GA; SOP-069-GA

Instrument: GCMS



Cannabinoids\*

### Pesticides

PASS

### Mycotoxins

PASS

### Heavy Metals

PASS

### Microbials

PASS

### Water Activity

PASS

### Solvents

Not Required

### Moisture Content

PASS

### Foreign Matter

PASS

### Vitamin E Acetate

Not Required





7/27/2025

Daniel Kulakowski  
Lab Director, Green Analytics Maryland

\* Where statements of conformity are reported ('pass' vs. 'fail'), the simple acceptance decision rule is applied.

\*\*MRL = Minimum Reporting Limit \*dry-weight potency

† All testing activities (except sampling) took place at the laboratory address listed on transfer manifest.

Results pertain to sample received according to sampling procedure SOP-065-MD and relate only to items tested.

Action limits set according to MMCC Technical Authority for Medical Cannabis Testing, Revision 4.0 (EXT-732-MD)

## Harvest Of Maryland Cultivati

Licensee Permit #: GA-23-00002

Item Name: MarylandMantis\_Flower

Test Tag: 1A40303000000C9000106015

Source Package: 1A40303000000C9000097700

Sample Received: 07/23/2025

Lab ID: HVG106015

Manifest ID: 1873606

METRC Lab Test Batch: Raw Plant Material

Heavy Metals

Analyte	Limit	MRL	Date Tested	Unit	7/24/2025	Status
	ppm	ppm		ppm		
Arsenic	0.4	0.10	< MRL	PASS		
Cadmium	0.4	0.10	< MRL	PASS		
Chromium	0.6	0.15	< MRL	PASS		
Mercury	0.2	0.05	< MRL	PASS		
Lead	1.0	0.25	< MRL	PASS		

Methods: SOP-061-GA; SOP-072-GAInstrument: ICP-MS

Residual Solvents

Analyte	Limit	MRL	Unit	Status
	ppm	ppm	ppm	
Propane	5000	43.4	Not Required	
n-Butane	5000	94.0	Not Required	
ethanol	5000	535.0	Not Required	
hexanes	290	63.3	Not Required	
benzene	2	0.4	Not Required	
n-Heptane	5000	540.0	Not Required	
toluene	890	190.0	Not Required	
total xylenes	2170	1936.0	Not Required	

Methods: SOP-010-GA; SOP-067-GAInstrument: GC-HS-MS

Vitamin E Acetate

LC-MS/MS

Analyte	Limit	Unit	Status
	PPM	PPM	
Vitamin E Acetate	100.0	Not Required	

Methods: SOP-706-MD, SOP-070-GAInstrument: LC-MS/MS

Mycotoxins

Analyte	Limit	MRL	Date Tested	Unit	7/24/2025	Status
	ppb	ppb		ppb		
Aflatoxin B1	20	10.0	< MRL	PASS		
Aflatoxin B2	20	10.0	< MRL	PASS		
Aflatoxin G1	20	10.0	< MRL	PASS		
Aflatoxin G2	20	10.0	< MRL	PASS		
Ochratoxin A	20	10.0	< MRL	PASS		

Methods: SOP-062-GA; SOP-070-GAInstrument: LC-MS/MS

Microbials

Analyte	Limit	MRL	Date Tested	Unit	7/26/2025	Status
	CFU/g	CFU/g		CFU/g		
Total Yeast and Mold Count	100000	200	321	PASS		
Total Aerobic Microbial Count	100000	200	< MRL	PASS		
Total Coliforms	100		Not Required			
E.coli	1		Not Detected	PASS		
STEC	Not Detected		Not Required			
Salmonella	Not Detected		Not Detected	PASS		
L. monocytogenes	Not Detected		Not Required			

Methods: SOP-700-MD; SOP-709-MD; SOP-719-MD

Water Activity

Analyte	Limit	Date Tested	Unit	7/26/2025	Status
	Aw		Aw		
Water Activity	0.65		0.526	PASS	

Methods: SOP-059-GAInstrument: Water activity meter

Moisture Content

Analyte	Unit	Status
	%	
Moisture Content	6.450	PASS

Methods: SOP-055-GAInstrument: Moisture analyzer

Foreign Matter

Analyte	Limit	Date Tested	Unit	7/23/2025	Status
	Presence/Absence				
Foreign Matter	Not Detected		Not Detected	PASS	

</



*[Signature]*  
11/21/2025

Daniel Kulakowski  
Lab Director, Green Analytics Maryland

\* Where statements of conformity are reported ('pass' vs. 'fail'), the simple acceptance decision rule is applied.

\*\* All testing activities (except sampling) took place at the laboratory address listed on transfer manifest.

Results pertain to sample received according to sampling procedure SOP-065-MD and relate only to items tested.

Action limits set according to MMCC Technical Authority for Medical Cannabis Testing, Revision 4.0 (EXT-732-MD)

\*\*MRL = Minimum Reporting Limit \*dry-weight potency

## Harvest Of Maryland Cultivati

Licensee Permit #: GA-23-00002

Item Name: MarylandMantis\_Flower

Test Tag: 1A40303000000C9000106015

Source Package: 1A40303000000C9000097700

Sample Received: 07/23/2025

Lab ID: HVG106015

Manifest ID: 1873606

METRC Lab Test Batch:

Raw Plant Material

### Pesticides

Analyte	Limit	MRL	Date Tested	Unit	7/24/2025	Status
	ppm	ppm		ppm		
Daminozide	1.00	0.50	< MRL	PASS		
Ethephon	1.00	0.50	< MRL	PASS		
Oxamyl	1.00	0.50	< MRL	PASS		
Flonicamid	1.00	0.50	< MRL	PASS		
Methomyl	0.40	0.20	< MRL	PASS		
Thiamethoxam	0.20	0.10	< MRL	PASS		
Imidacloprid	0.40	0.20	< MRL	PASS		
Dimethoate	0.20	0.10	< MRL	PASS		
Acetamiprid	0.20	0.10	< MRL	PASS		
Thiacloprid	0.20	0.10	< MRL	PASS		
Aldicarb	0.40	0.20	< MRL	PASS		
Dichlorvos	0.10	0.05	< MRL	PASS		
Carbofuran	0.20	0.10	< MRL	PASS		
Ancymidol	0.20	0.10	< MRL	PASS		
Carbaryl	0.20	0.10	< MRL	PASS		
Clofentazine	0.20	0.10	< MRL	PASS		
Imazalil	0.20	0.10	< MRL	PASS		
Naled	0.50	0.25	< MRL	PASS		
Metalaxyl	0.20	0.10	< MRL	PASS		
Chloanthraniliprole	0.20	0.10	< MRL	PASS		
Phosmet	0.20	0.10	< MRL	PASS		
Malathion	0.20	0.10	< MRL	PASS		
Boscalid	0.40	0.20	< MRL	PASS		
Paclobutrazol	0.40	0.20	< MRL	PASS		
Methiocarb	0.20	0.10	< MRL	PASS		
Myclobutanil	0.20	0.10	< MRL	PASS		
Azoxystrobin	0.20	0.10	< MRL	PASS		
Flurprimidol	0.20	0.10	< MRL	PASS		
Bifenazate	0.20	0.10	< MRL	PASS		

### Pesticides (Continued)

Analyte	Limit	MRL	Unit	Status
	ppm	ppm	ppm	
Spirotetramat	0.20	0.10	< MRL	PASS
Kresoxym-methyl	0.40	0.20	< MRL	PASS
Diazinon	0.20	0.10	< MRL	PASS
Propiconazole	0.40	0.20	< MRL	PASS
Spinosad A	0.20	0.10	< MRL	PASS
Trifloxystrobin	0.20	0.10	< MRL	PASS
Spinosad D	0.20	0.10	< MRL	PASS
Pyrethrin II	1.00	0.50	< MRL	PASS
Chlorpyrifos	0.20	0.10	< MRL	PASS
Spiromesifen	0.20	0.10	< MRL	PASS
Piperonyl Butoxide	1.00	0.50	< MRL	PASS
Etoxazole	1.00	0.50	< MRL	PASS
Hexythiazox	1.00	0.50	< MRL	PASS
Pyrethrin I	1.00	0.50	< MRL	PASS
Fenpyroximate	0.20	0.10	< MRL	PASS
Cyfluthrin	1.00	0.50	< MRL	PASS
Permethrin	0.50	0.25	< MRL	PASS
Abamectin B1a	0.50	0.25	< MRL	PASS
Bifenthrin	0.20	0.10	< MRL	PASS
Fludioxonil	0.40	0.20	< MRL	PASS
Fipronil	0.40	0.20	< MRL	PASS

Methods: SOP-062-GA; SOP-070-GA

Instrument: LC-MS/MS




7/27/2025

Daniel Kulakowski  
Lab Director, Green Analytics Maryland

+ Where statements of conformity are reported ('pass' vs. 'fail'), the simple acceptance decision rule is applied.

++ All testing activities (except sampling) took place at the laboratory address listed on transfer manifest.

Results pertain to sample received according to sampling procedure SOP-065-MD and relate only to items tested.

Action limits set according to MMCC Technical Authority for Medical Cannabis Testing, Revision 4.0 (EXT-732-MD)

\*\*MRL = Minimum Reporting Limit

\*dry-weight potency