



## 0825008676 50 mg CBD Isolate Watermelon

Description: --  
 Sample Date: 08/26/25  
 Sample Matrix: Gummy  
 Unit Size: 4.5 g

Lab ID: JH26013-05  
 Received: 08/26/25 16:49  
 Completed: 08/29/25 15:18

### POTENCY DETAILS

<u>Total Active Cannabinoids</u> 0.965% (43.4 mg)	<u>CBD</u> 0.961% (43.2 mg)
<u>Total THC</u> <LOQ%	<u>CBDA</u> <LOQ%
<u>Total CBD</u> 0.961% (43.2 mg)	<u>CBDV</u> 0.00414% (0.186 mg)
<u>D9 THC</u> <LOQ%	<u>CBC</u> <LOQ%
<u>D8 THC</u> <LOQ%	<u>CBG</u> <LOQ%
<u>THCA</u> <LOQ%	<u>CBGA</u> <LOQ%
<u>THCV</u> <LOQ%	<u>CBN</u> <LOQ%

### TERPENES

Terpenes  
Not Tested

### ANALYSIS SUMMARY

<b>Potency</b>	PASS	<b>Foreign Matter</b>	PASS
<b>Heavy Metals</b>	PASS	<b>Homogeneity</b>	Not Tested
<b>Microbials</b>	PASS	<b>Water Activity</b>	PASS
<b>Mycotoxins</b>	PASS	<b>Pesticides</b>	PASS
<b>% Moisture</b>	Not Tested	<b>Residual Solvents</b>	PASS
<b>Terpenes</b>	Not Tested		

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LOQ = Limit of Quantification    ND = Non-Detect    RPD = Relative Percent Difference    MDL = Method Detection Limit    PQL = Practical Quantitation Limit

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## Potency by HPLC

Batch: B5H2701  
 SOP: MCS-SOP-002

Prep By: 1005  
 Prep On: 8/27/25 15:47

Ana. By: 1005  
 Ana. On: 8/28/25 11:21

Initial (g): 1.0016  
 Final (g): 10

Analyte ( % )	Result	Diln	Reg. Limit	MDL	PQL	Analyte ( % )	Result	Diln	Reg. Limit	MDL	PQL
Total THC	ND	10	0.3	0.00319	0.0468	Total CBD	0.961	10		0.00489	0.0468
delta 8-THC	ND	10		0.00160	0.0250	delta 9-THC	ND	10	0.3	0.00170	0.0250
THCa	ND	10		0.00170	0.0250	THCV	ND	10		0.00359	0.0250
CBD	0.961	10		0.00329	0.0250	CBDa	ND	10		0.00200	0.0250
CBDV	0.00414	10		0.00220	0.0250	CBC	ND	10		0.00749	0.0250
CBG	ND	10		0.00160	0.0250	CBGa	ND	10		0.00160	0.0250
CBN	ND	10		0.00190	0.0250						

## Residual Solvents by GC/MS-HS

Batch: B5H2722  
 SOP: MCS-SOP-003

Prep By: 1028  
 Prep On: 8/28/25 13:31

Ana. By: 1028  
 Ana. On: 8/28/25 15:59

Initial (g): 0.0236  
 Final (g): 20

Analyte ( mg/kg )	Result	Diln	Reg. Limit	MDL	PQL	Analyte ( mg/kg )	Result	Diln	Reg. Limit	MDL	PQL
Propane	ND	1	5000	84.7	212	n-Butane	ND	1	5000	84.7	212
Methanol	ND	1	250	21.2	84.7	Ethylene Oxide	ND	1	5	0.424	2.12
Ethanol	ND	1	5000	84.7	212	Pentane	ND	1	750	63.6	212
Ethyl Ether	ND	1	500	42.4	212	Acetone	ND	1	750	63.6	212
1,1-Dichloroethylene	ND	1	8	0.260	1.27	Isopropyl Alcohol (2-Propanol)	ND	1	500	42.4	212
Acetonitrile	ND	1	60	5.08	25.4	Methylene Chloride	ND	1	125	10.6	42.4
Hexane	ND	1	250	21.2	106	Ethyl Acetate	ND	1	400	33.9	169
Chloroform	ND	1	2	0.117	0.847	1,2-Dichloroethane	ND	1	2	0.153	0.847
Benzene	ND	1	1	0.0486	0.0847	Heptane	ND	1	5000	84.7	212
Trichloroethene (Trichloroethylene)	ND	1	25	0.228	1.27	Toluene	ND	1	150	12.7	63.6
m/p-Xylenes	ND	1	100	6.36	25.4	o-xylene	ND	1	50	6.36	25.4

## Water Activity by REH

Batch: B5H2806  
 SOP: MCS-SOP-G03

Prep By: 1005  
 Prep On: 8/29/25 09:06

Ana. By: 1005  
 Ana. On: 8/29/25 13:17

Initial (g): 0.1005  
 Final (g): 0.1

Analyte ( Aw )	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.71	1	0.85	0.040	0.040

## Foreign Matter

Batch: B5H2711  
 SOP: MCS-SOP-G01

Prep By: 1048  
 Prep On: 8/27/25 16:15

Ana. By: 1048  
 Ana. On: 8/27/25 16:20

Initial (g): 1  
 Final (g): 1

Analyte ( P/A )	Result	Diln	Reg. Limit	MDL	PQL
Foreign Matter	Absent	1	1	1.00	1.00

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## Pesticides by LC-QQQ

Batch: B5H2702					Prep By: 1005		Ana. By: 1056			Initial (g):	
SOP: MCS-SOP-001b					Prep On: 8/27/25 16:21		Ana. On: 8/28/25 14:39			Final (g):	
Analyte ( ug/kg )	Result	Diln	Reg. Limit	MDL	PQL	Analyte ( ug/kg )	Result	Diln	Reg. Limit	MDL	PQL
Abamectin, Total	ND	10	300	12.3	50.0	Acephate	ND	10	3000	9.78	25.0
Acequinocyl	ND	10	2000	11.7	50.0	Acetamiprid	ND	10	3000	15.2	25.0
Aldicarb	ND	10	100	12.9	25.0	Azoxystrobin	ND	10	3000	3.26	10.0
Bifenazate	ND	10	3000	3.67	25.0	Bifenthrin	ND	10	500	9.44	12.5
Boscalid	ND	10	3000	18.2	50.0	Carbaryl	ND	10	500	7.23	25.0
Carbofuran	ND	10	100	2.29	12.5	Chlorantraniliprole	ND	10	3000	5.11	12.5
Chloromequat chloride	ND	10	3000	9.36	50.0	Chlorpyrifos	ND	10	100	4.43	25.0
Clofentezine	ND	10	500	14.9	25.0	Coumaphos	ND	10	100	4.49	25.0
Cyfluthrin	ND	10	1000	26.7	50.0	Cypermethrin	ND	10	1000	11.4	12.5
Daminozide	ND	10	100	6.32	50.0	Diazinon	ND	10	200	3.19	12.5
Dichlorvos	ND	10	100	5.79	50.0	Dimethoate	ND	10	100	1.29	12.5
Dimethomorph, Total	ND	10	3000	2.50	50.0	Ethoprophos	ND	10	100	2.36	12.5
Etofenprox	ND	10	100	12.7	25.0	Etoazole	ND	10	1500	15.4	25.0
Fenhexamid	ND	10	3000	5.42	50.0	Fenoxycarb	ND	10	100	4.69	25.0
Fenpyroximate	ND	10	2000	5.53	12.5	Fipronil	ND	10	100	14.3	50.0
Flonicamid	ND	10	2000	6.92	25.0	Fludioxonil	ND	10	3000	11.0	50.0
Hexythiazox	ND	10	2000	5.86	12.5	Imazalil	ND	10	100	9.61	50.0
Imidacloprid	ND	10	3000	17.3	25.0	Kresoxim-Methyl	ND	10	1000	7.62	25.0
Malathion	ND	10	2000	10.7	50.0	Metaxyl	ND	10	3000	4.47	12.5
Methiocarb	ND	10	100	11.8	25.0	Methomyl	ND	10	100	4.43	12.5
Mevinphos	ND	10	100	9.29	25.0	Myclobutanil	ND	10	3000	16.3	25.0
Dibrom (Naled)	ND	10	500	6.04	50.0	Oxamyl	ND	10	500	2.34	12.5
Paclobutrazol	ND	10	100	12.2	25.0	Permethrin	ND	10	1000	16.3	25.0
Phosmet	ND	10	200	9.17	25.0	Piperonyl butoxide	ND	10	3000	5.82	12.5
Prallethrin	ND	10	400	5.52	25.0	Propiconazole (Tilt)	ND	10	1000	17.9	50.0
Baygon (Propoxur)	ND	10	100	5.45	12.5	Pyrethrins, Total	ND	10	1000	11.0	50.0
Pyridaben	ND	10	3000	6.26	12.5	Spinetoram, Total	ND	10	3000	11.7	50.0
Spiromesifen	ND	10	3000	2.24	12.5	Spirotetramat	ND	10	3000	6.68	25.0
Spiroxamine	ND	10	100	6.82	12.5	Tebuconazole	ND	10	1000	19.0	25.0
Thiacloprid	ND	10	100	14.4	25.0	Thiamethoxam	ND	10	1000	15.9	25.0
Trifloxystrobin	ND	10	3000	6.05	12.5	Spinosad, Total	ND	10	3000	4.44	36.2

## Pesticides by GC-QQQ

Batch: B5H2702					Prep By: 1005		Ana. By: 1039			Initial (g):	
SOP: MCS-SOP-001a					Prep On: 8/27/25 16:21		Ana. On: 8/28/25 20:35			Final (g):	
Analyte ( ug/kg )	Result	Diln	Reg. Limit	MDL	PQL	Analyte ( ug/kg )	Result	Diln	Reg. Limit	MDL	PQL
Pentachloronitrobenzene (quintoze)	ND	5	200	34.2	75.0	Methyl parathion	ND	5	100	17.1	75.0
Captan	ND	5	3000	49.2	75.0	Chlordane, Total	ND	5	100	39.0	75.0
Chlorfenapyr	ND	5	100	43.6	75.0						

## Mycotoxins by LC-QQQ

Batch: B5H2702					Prep By: 1005		Ana. By: 1056			Initial (g):	
SOP: MCS-SOP-001b					Prep On: 8/27/25 16:21		Ana. On: 8/28/25 20:08			Final (g):	
Analyte ( ug/kg )	Result	Diln	Reg. Limit	MDL	PQL	Analyte ( ug/kg )	Result	Diln	Reg. Limit	MDL	PQL
Aflatoxin, Total	ND	10	20	10.0	10.0	Ochratoxin A	ND	10	20	2.52	10.0
Aflatoxin G2	ND	10	20	7.47	10.0	Aflatoxin G1	ND	10	20	3.24	10.0
Aflatoxin B2	ND	10	20	3.88	10.0	Aflatoxin B1	ND	10	20	2.94	10.0



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Richard Dillen  
 Laboratory Director



Accreditation #102020



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## Total Metals by ICP-MS

Batch: B5H2703  
 SOP: MCS-SOP-I01

Prep By: 1029  
 Prep On: 8/28/25 09:24

Ana. By: 1005  
 Ana. On: 8/28/25 13:03

Initial (g): 0.2541  
 Final (g): 25

Analyte ( ug/kg )	Result	Diln	Reg. Limit	MDL	PQL	Analyte ( ug/kg )	Result	Diln	Reg. Limit	MDL	PQL
Arsenic	ND	1	1500	19.7	98.4	Cadmium	ND	1	500	19.7	98.4
Lead	ND	1	500	49.2	246	Mercury	ND	1	3000	19.7	49.2

## Microbials by qPCR

Batch: B5H2725  
 SOP: MCS-SOP-M01

Prep By: 1005  
 Prep On: 8/27/25 16:00

Ana. By: 1058  
 Ana. On: 8/28/25 17:25

Initial (g): 1.0014  
 Final (g): 2.4

Analyte ( CFU )	Result	Diln	Reg. Limit	MDL	PQL	Analyte ( CFU )	Result	Diln	Reg. Limit	MDL	PQL
Aspergillus flavus	Absent	1	1	1.00	1.00	Aspergillus fumigatus	Absent	1	1	1.00	1.00
Aspergillus niger	Absent	1	1	1.00	1.00	Aspergillus terreus	Absent	1	1	1.00	1.00
Aspergillus Total	Absent	1	1	1.00	1.00	Salmonella	Absent	1	1	1.00	1.00
Shiga Toxin E.coli	Absent	1	1	1.00	1.00						

## Quantitative Microbials by qPCR

Batch: B5H2726  
 SOP: MCS-SOP-M01

Prep By: 1005  
 Prep On: 8/28/25 11:22

Ana. By: 1005  
 Ana. On: 8/28/25 12:10

Initial (g): 1.0028  
 Final (g): 7

Analyte ( CFU )	Result	Diln	Reg. Limit	MDL	PQL
Yeast & Mold	Absent	1	100000	1000	1000

