

## WMEL-3128-35323

METRC Batch:  
METRC Sample:  
**Sample ID: 2401ENC0173\_0488**  
Strain: Watermelon Z  
Matrix: Concentrates & Extracts  
Type: Other

Batch#: WMEL-3128-35323

Collected: 01/16/2024  
Received: 01/16/2024  
Completed: 01/18/2024  
Sample Size: 2 units;

Distributor  
**Lotus Brands, LLC**  
  
Lic. #  
3334 E. Coast Hwy,  
#372,  
Corona Del Mar, CA, 92625



### Summary

Test	Date Tested	Instr. Method	Result
Batch			Pass
Cannabinoids	01/16/2024	LC-DAD	Complete
Terpenes	01/16/2024	GC-MS	Complete
Pesticides	01/16/2024	LC-MS	Pass
Mycotoxins	01/16/2023	LC-MS	Pass
Residual Solvents	01/16/2024	HS-GC-MS	Pass
Microbial Impurities	01/17/2024	qPCR	Pass
Heavy Metals	01/17/2024	ICP-MS	Pass
Foreign Matter	01/16/2024	Visual Inspection	Pass

### Cannabinoids

Method: SOP EL-CANNABINOIDS

**0.297 %**

Total THC

**43.958 %**

Total CBD

**73.795 %**

Total Cannabinoids

Analytes	LOD	LOQ	Result	Result
	mg/g	mg/g	%	mg/g
THCa	0.243	0.738	ND	ND
Δ9-THC	0.261	0.790	0.297	2.97
Δ8-THC	0.288	0.873	ND	ND
THCVa	0.281	0.851	ND	ND
THCV	0.290	0.880	0.130	1.30
CBDa	0.255	0.774	ND	ND
CBD	0.246	0.745	43.958	439.58
CBN	0.232	0.702	2.703	27.03
CBGa	0.277	0.840	ND	ND
CBG	0.256	0.775	23.157	231.57
CBCa	0.226	0.685	ND	ND
CBC	0.265	0.804	3.550	35.50
<b>Total THC</b>			<b>0.297</b>	<b>2.97</b>
<b>Total CBD</b>			<b>43.958</b>	<b>439.58</b>
<b>Total Cannabinoids</b>			<b>73.795</b>	<b>737.95</b>
<b>Sum of Cannabinoids</b>			<b>73.795</b>	<b>737.95</b>

Total THC = THCa \* 0.877 + Δ9-THC + Δ8-THC; Total CBD = CBDa \* 0.877 + CBD; Total Cannabinoids = (cannabinoid acid forms \* 0.877) + cannabinoids; Sum of Cannabinoids = cannabinoid acid forms + cannabinoids; LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected. The reported result is based on a sample weight with the applicable moisture content for that sample. Foreign Material Method: SOP EL-FOREIGN; Moisture and Water Activity Method: SOP EL-WATER



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Laboratory Director | 01/18/2024



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### Terpenes

Method: EL-TERPENES

Analytes	LOD	LOQ	Result	Result
	mg/g	mg/g	%	mg/g
δ-Limonene	0.022	0.186	2.569	25.69
β-Caryophyllene	0.047	0.186	0.388	3.88
Linalool	0.029	0.186	0.272	2.72
α-Bisabolol	0.056	0.186	0.228	2.28
Fenchol	0.026	0.186	0.192	1.92
α-Pinene	0.027	0.186	0.186	1.86
β-Pinene	0.025	0.186	0.178	1.78
β-Myrcene	0.043	0.186	0.145	1.45
Caryophyllene Oxide	0.056	0.186	0.065	0.65
α-Humulene	0.018	0.186	0.055	0.55
Camphene	0.016	0.186	0.034	0.34
Sabinene	0.018	0.186	0.024	0.24
δ-3-Carene	0.022	0.186	0.019	0.19
Cedrol	0.032	0.186	<LOQ	<LOQ
p-Cymene	0.017	0.186	<LOQ	<LOQ
γ-Terpinene	0.033	0.186	<LOQ	<LOQ
Geranyl Acetate	0.044	0.929	<LOQ	<LOQ
Terpinolene	0.040	0.186	<LOQ	<LOQ
Camphor	0.033	0.279	<LOQ	<LOQ
α-Phellandrene	0.032	0.186	ND	ND
α-Terpinene	0.033	0.186	ND	ND
Eucalyptol	0.031	0.186	ND	ND
Fenchone	0.030	0.186	ND	ND
Borneol	0.041	0.186	ND	ND
Valencene	0.048	0.186	ND	ND
cis-Nerolidol	0.047	0.186	ND	ND
Guaiol	0.055	0.186	ND	ND
Isopulegol	0.057	0.372	ND	ND
Isoborneol	0.016	0.186	ND	ND
Menthol	0.057	0.186	ND	ND
Nerol	0.039	0.929	ND	ND
Pulegone	0.038	0.186	ND	ND
α-Cedrene	0.033	0.186	ND	ND
<b>Total</b>			<b>4.355</b>	<b>43.550</b>

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### Primary Aromas



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### Pesticides

Method: EL-PESTMYCOLCMS

Analytes	LOD	LOQ	Limit	Result	Status	Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.005	0.02	0.10	ND	Pass	Fludioxonil	0.01	0.05	0.10	ND	Pass
Acephate	0.002	0.01	0.10	ND	Pass	Hexythiazox	0.005	0.02	0.10	ND	Pass
Acequinocyl	0.01	0.02	0.10	ND	Pass	Imazalil	0.05	0.1	0.05	ND	Pass
Acetamiprid	0.005	0.02	0.10	ND	Pass	Imidacloprid	0.005	0.02	5.00	ND	Pass
Aldicarb	0.05	0.1	0.05	ND	Pass	Kresoxim Methyl	0.005	0.02	0.10	ND	Pass
Azoxystrobin	0.005	0.02	0.10	ND	Pass	Malathion	0.02	0.05	0.50	ND	Pass
Bifenazate	0.005	0.01	0.10	ND	Pass	Metalaxyl	0.002	0.005	2.00	ND	Pass
Bifenthrin	0.02	0.05	3.00	ND	Pass	Methiocarb	0.05	0.1	0.05	ND	Pass
Boscalid	0.02	0.05	0.10	ND	Pass	Methomyl	0.01	0.02	1.00	ND	Pass
Captan	0.2	0.3	0.70	ND	Pass	Parathion Methyl	0.02	0.05	0.02	ND	Pass
Carbaryl	0.02	0.05	0.50	ND	Pass	Mevinphos	0.02	0.05	0.02	ND	Pass
Carbofuran	0.05	0.1	0.05	ND	Pass	Myclobutanil	0.005	0.01	0.10	ND	Pass
Chlorantraniliprole	0.002	0.01	10.00	ND	Pass	Naled	0.01	0.02	0.10	ND	Pass
Chlordane	0.05	0.1	0.05	ND	Pass	Oxamyl	0.005	0.01	0.50	ND	Pass
Chlorfenapyr	0.05	0.1	0.05	ND	Pass	Paclobutrazol	0.05	0.1	0.05	ND	Pass
Chlorpyrifos	0.05	0.1	0.05	ND	Pass	PCNB	0.02	0.05	0.10	ND	Pass
Clofentezine	0.01	0.02	0.10	ND	Pass	Permethrin	0.02	0.05	0.50	ND	Pass
Coumaphos	0.02	0.05	0.02	ND	Pass	Phosmet	0.01	0.02	0.10	ND	Pass
Cyfluthrin	0.05	0.1	2.00	ND	Pass	Piperonyl Butoxide	0.02	0.05	3.00	ND	Pass
Cypermethrin	0.1	0.2	1.00	ND	Pass	Prallethrin	0.005	0.02	0.10	ND	Pass
Daminozide	0.02	0.05	0.02	ND	Pass	Propiconazole	0.005	0.01	0.10	ND	Pass
Diazinon	0.002	0.01	0.10	ND	Pass	Propoxure	0.05	0.1	0.05	ND	Pass
Dichlorvos	0.02	0.05	0.02	ND	Pass	Pyrethrins	0.02	0.05	0.50	ND	Pass
Dimethoate	0.02	0.05	0.02	ND	Pass	Pyridaben	0.005	0.01	0.10	ND	Pass
Dimethomorph	0.005	0.02	2.00	ND	Pass	Spinetoram	0.005	0.01	0.10	ND	Pass
Ethoprophos	0.05	0.1	0.05	ND	Pass	Spinosad	0.005	0.01	0.10	ND	Pass
Etofenprox	0.05	0.1	0.05	ND	Pass	Spiromesifen	0.01	0.02	0.10	ND	Pass
Etoazole	0.005	0.02	0.10	ND	Pass	Spirotetramat	0.005	0.01	0.10	ND	Pass
Fenhexamid	0.005	0.02	0.10	ND	Pass	Spiroxamine	0.05	0.1	0.05	ND	Pass
Fenoxycarb	0.05	0.1	0.05	ND	Pass	Tebuconazole	0.005	0.01	0.10	ND	Pass
Fenpyroximate	0.005	0.02	0.10	ND	Pass	Thiacloprid	0.02	0.05	0.02	ND	Pass
Fipronil	0.05	0.1	0.05	ND	Pass	Thiamethoxam	0.005	0.01	5.00	ND	Pass
Flonicamid	0.01	0.02	0.10	ND	Pass	Trifloxystrobin	0.005	0.01	0.10	<LOQ	Pass

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### Mycotoxins

Method: EL-PESTMYCOLCMS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
Aflatoxin B1	1.00	2.00		ND	Tested
Aflatoxin B2	1.00	2.00		ND	Tested
Aflatoxin G1	2.00	4.00		ND	Tested
Aflatoxin G2	1.00	2.00		ND	Tested
Ochratoxin A	4.00	10.00	20.00	ND	Pass
Total Aflatoxins			20.00	ND	Pass

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### Residual Solvents

Method: EL-RES\_SOLVENTS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Acetone	33.00	100.00	5000	ND	Pass
Acetonitrile	10.00	30.00	410	ND	Pass
Benzene	0.09	0.28	1	ND	Pass
Butane	10.00	30.00	5000	ND	Pass
Chloroform	0.10	0.29	1	ND	Pass
Ethanol	10.00	30.00	5000	284.95	Pass
Ethyl-Acetate	10.00	30.00	5000	ND	Pass
Ethyl-Ether	10.00	30.00	5000	ND	Pass
Ethylene Oxide	0.08	0.24	1	ND	Pass
Heptane	10.00	30.00	5000	79.75	Pass
n-Hexane	10.00	30.00	290	ND	Pass
Isopropanol	10.00	30.00	5000	ND	Pass
Methanol	10.00	30.00	3000	ND	Pass
Methylene-Chloride	0.10	0.31	1	ND	Pass
1,2-Dichloro-Ethane	0.10	0.29	1	ND	Pass
Pentane	10.00	30.00	5000	ND	Pass
Propane	10.00	30.00	5000	ND	Pass
Toluene	10.00	30.00	890	ND	Pass
Xylenes	20.00	60.00	2170	ND	Pass
Trichloroethene	0.10	0.29	1	ND	Pass

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**Microbial Impurities**

Method: SOP EL-MICROBIALS

Analytes	Result	Status
Aspergillus flavus	Not Detected in 1g	Pass
Aspergillus fumigatus	Not Detected in 1g	Pass
Aspergillus niger	Not Detected in 1g	Pass
Aspergillus terreus	Not Detected in 1g	Pass
Shiga toxin-producing Escherichia coli	Not Detected in 1g	Pass
Salmonella spp	Not Detected in 1g	Pass

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**Heavy Metals**

Method: SOP EL-HEAVYMETALS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.012	0.036	0.200	ND	Pass
Cadmium	0.015	0.044	0.200	ND	Pass
Lead	0.055	0.167	0.500	ND	Pass
Mercury	0.005	0.015	0.100	ND	Pass

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