

Sample Name: Greenland Farms Ice Cream Cake 6_21

Client: greenlandfarms
 Sample Type: Flower
 Strain: Unknown
 Moisture: 6.9% [LPG-001]

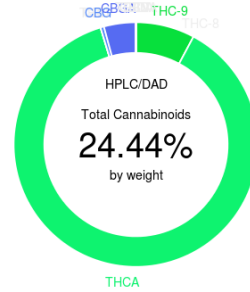
Submitted: July 27, 2021
 Tested: July 27, 2021
 Expires: July 27, 2022
 Submitted for: HPLC, Chemres, Micro,



Profiling by Liquid Chromatography - Pass

HPLC [SOP-2050] | Date Performed: 2021-07-28

Cannabinoid	Percent	mg/g	LOQ (mg/g)	LOD (mg/g)	L.C. ¹	Status
d9-THC	1.908	19.076	0.962	0.317	-	Pass
d8-THC	ND ¹	ND ¹	0.962	0.317	-	Pass
THCA	21.392	213.920	0.962	0.317	-	Pass
THCV	ND ¹	ND ¹	0.962	0.317	-	Pass
THCVA	ND ¹	ND ¹	0.962	0.317	-	Pass
CBC	ND ¹	ND ¹	0.962	0.317	-	Pass
CBG	0.111	1.114	0.962	0.317	-	Pass
CBGA	1.032	10.320	0.962	0.317	-	Pass
CBN	ND ¹	ND ¹	0.962	0.317	-	Pass
CBD	ND ¹	ND ¹	0.962	0.317	-	Pass
CBDV	ND ¹	ND ¹	0.962	0.317	-	Pass
CBDA	ND ¹	ND ¹	0.962	0.317	-	Pass
Total	24.440	244.430	NA	NA	-	Pass
Total THC	20.670	206.680	-	-	-	Pass
Total CBD	<LOQ	<1 mg/g	-	-	-	Pass



-8% Decarboxylated THC
¹L.C. = Label Claim in mg/g
 Total THC = ((THCA*0.877)+ d9-THC)
 Total CBD = ((CBDA*0.877)+ CBD)

Microbiological Screening - Pass

Screening for microbiological contamination. [SOP-6010 (Asp), SOP-6060 (Sal), SOP-6070 (STEC) CONTINGENT upon request: SOP-6040 (petrifilm)] | Date Performed: 2021-07-29

	Analysis	Limit of Detection	Action Limits	Status
Pseudomonas	ND	< 1 cfu/g	1 cfu/g	N/A
APC	6,000	< 1 cfu/g	100000 cfu/g	Pass
E. Coli	ND	< 1 cfu/g	10 cfu/g	Pass
Coliform	ND	< 1 cfu/g	500 cfu/g	Pass

*TNTC = Too Numerous To Count
¹ND = Not Detected

Residual Solvent Analysis -

Analysis of residual solvents. GC-FID [SOP-2060] | Date Performed:

Solvent	ug/g	Action Limit (ug/g)	LOQ (ug/g)	LOD (ug/g)	Status
Benzene	NT				
Chloroform	NT				
1,2-Dichloroethane	NT				
Ethylene Oxide	NT				
Methylene Chloride	NT				
Trichloroethylene	NT				
Acetone	NT				
Acetonitrile	NT				
Ethanol	NT				
Ethyl Acetate	NT				
Diethyl ether	NT				
Heptane	NT				
Hexane	NT				
Isopropanol	NT				
Methanol	NT				
N-Butane	NT				
Pentane	NT				
Propane	NT				
Toluene	NT				
Total Xylenes	NT				

*ND = Not Detected
 **Client Limit is self-selected and will be replaced by official CA State limits when they become available

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Chemical Residue Screening - Pass

Targeted analysis of chemical residues. [SOP-2011 (GC), SOP-2012 (LC)] | Date Performed: 2021-08-02

	ug/g	LOQ (ug/g)	LOD (ug/g)	Action Limit (ug/g)	Status		ug/g	LOQ (ug/g)	LOD (ug/g)	Action Limit (ug/g)	Status
Abamectin	ND ¹	0.1	0.04	0.10	Pass	Fludioxonil	ND ¹	0.04	0.02	0.10	Pass
Acephate	ND ¹	0.01	0.004	0.10	Pass	Hexythiazox	ND ¹	0.01	0.004	0.10	Pass
Acequinocyl	ND ¹	0.04	0.02	0.10	Pass	Imazalil	ND ¹	0.01	0.004	0.004	Pass
Acetamiprid	ND ¹	0.01	0.004	0.10	Pass	Imidacloprid	ND ¹	0.01	0.004	5.00	Pass
Aldicarb	ND ¹	0.01	0.004	0.004	Pass	Kresoxim-methyl	ND ¹	0.04	0.02	0.10	Pass
Azoxystrobin	ND ¹	0.01	0.004	0.10	Pass	Malathion	ND ¹	0.01	0.004	0.50	Pass
Bifenazate	ND ¹	0.04	0.02	0.10	Pass	Metalaxyl	ND ¹	0.01	0.004	2.00	Pass
Bifenthrin	ND ¹	0.04	0.02	3.00	Pass	Methiocarb	ND ¹	0.01	0.004	0.004	Pass
Boscalid	ND ¹	0.01	0.004	0.10	Pass	Methomyl	ND ¹	0.04	0.02	1.00	Pass
Captan	ND ¹	0.4	0.1	0.70	Pass	Mevinphos	ND ¹	0.04	0.02	0.02	Pass
Carbaryl	ND ¹	0.01	0.004	0.50	Pass	Myclobutanil	ND ¹	0.04	0.02	0.10	Pass
Carbofuran	ND ¹	0.01	0.004	0.004	Pass	Naled	ND ¹	0.01	0.004	0.10	Pass
Chlorantraniliprole	ND ¹	0.01	0.004	10.00	Pass	Oxamyl	ND ¹	0.04	0.02	0.50	Pass
Chlordane	ND ¹	0.1	0.05	0.05	Pass	Paclobutrazol	ND ¹	0.01	0.004	0.004	Pass
Chlorfenapyr	ND ¹	0.1	0.05	0.05	Pass	Parathion methyl	ND ¹	0.2	0.1	0.1	Pass
Chlorpyrifos	ND ¹	0.2	0.1	0.1	Pass	PCNB	ND ¹	0.1	0.05	0.10	Pass
Clofentezine	ND ¹	0.04	0.02	0.10	Pass	Permethrin	ND ¹	0.04	0.02	0.50	Pass
Coumaphos	ND ¹	0.01	0.004	0.004	Pass	Phosmet	ND ¹	0.01	0.004	0.10	Pass
Cyfluthrin	ND ¹	0.2	0.1	2.00	Pass	Piperonyl butoxide	ND ¹	0.01	0.004	3.00	Pass
Cypermethrin	ND ¹	0.2	0.1	1.00	Pass	Prallethrin	ND ¹	0.04	0.02	0.10	Pass
Daminozide	ND ¹	0.04	0.02	0.02	Pass	Propiconazole	ND ¹	0.04	0.02	0.10	Pass
Diazinon	ND ¹	0.01	0.004	0.10	Pass	Propoxur	ND ¹	0.02	0.01	0.01	Pass
Dichlorvos	ND ¹	0.02	0.01	0.01	Pass	Pyrethrin	ND ¹	0.05	0.02	0.50	Pass
Dimethoate	ND ¹	0.01	0.004	0.004	Pass	Pyridaben	ND ¹	0.01	0.004	0.10	Pass
Dimethomorph	ND ¹	0.01	0.004	2.00	Pass	Spinetoram	ND ¹	0.01	0.004	0.10	Pass
Ethoprophos	ND ¹	0.02	0.01	0.01	Pass	Spinosad	ND ¹	0.01	0.004	0.10	Pass
Etofenprox	ND ¹	0.01	0.004	0.004	Pass	Spiromesifen	ND ¹	0.01	0.004	0.10	Pass
Etoxazole	ND ¹	0.01	0.004	0.10	Pass	Spirotetramat	ND ¹	0.01	0.004	0.10	Pass
Fenhexamid	ND ¹	0.04	0.02	0.10	Pass	Spiroxamine	ND ¹	0.01	0.004	0.004	Pass
Fenoxycarb	ND ¹	0.01	0.004	0.004	Pass	Tebuconazole	ND ¹	0.01	0.004	0.10	Pass
Fenpyroximate	ND ¹	0.04	0.02	0.10	Pass	Thiacloprid	ND ¹	0.01	0.004	0.004	Pass
Fipronil	ND ¹	0.01	0.004	0.004	Pass	Thiamethoxam	ND ¹	0.01	0.004	5.00	Pass
Fonicamid	ND ¹	0.01	0.004	0.10	Pass	Trifloxystrobin	ND ¹	0.01	0.004	0.10	Pass

¹ND = Not Detected
 NT = Not Tested

Heavy Metals Profiling -

Analysis of Heavy Metals. ICP-MS [SOP-2020] | Date Performed:

	ug/g	LOQ(ug/g)	LOD(ug/g)	Action Limit (ug/g)	Status
Cadmium					
Lead					
Arsenic					
Mercury					

¹ND = Not Detected

Water Activity -

Analysis to determine water activity Water Activity Meter [SOP-4070] | Date Performed:

Aw	Action Limit (Aw)	Status

Foreign Material Analysis -

Analysis to determine whether foreign material is present [SOP-2020] | Date Performed:

Analysis	Status

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Mycotoxin Screening -

Analysis of Mycotoxins. LC-MS/MS [SOP-2012] | Date Performed:

	LOQ (mg/g)	LOD (mg/g)	Status
Aflatoxin B1			NT
aflatoxin B2			NT
Aflatoxin G1			NT
Aflatoxin G2			NT
Ochratoxin A			NT

¹ND = Not Detected

Terpene Profiling -

Analysis of terpenes. [SOP-2070] | Date Performed:

	PPM	mg/g	LOQ (mg/g)	LOD (mg/g)	L.C. ²	Status
b-Myrcene	NT					
a-Bisabolol	NT					
d3-Carene	NT					
d-Limonene	NT					
g-Terpinene	NT					
a-Pinene	NT					
b-Pinene	NT					
Camphene	NT					
b-Caryophyllene	NT					
Isopulegol	NT					
Linalool	NT					
a-Humulene	NT					
guaiol	NT					
Terpinolene	NT					
a-Terpinene	NT					

Total Terpenes

0.0 PPM

¹ND = Not Detected
²L.C. = Label Claim

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