

Certificate of Analysis

Client Name: Lost Lake Cannabis LLC License Number: SCLT0021

	Sample ID:	VT3853
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Sample Name: Kiwi Thin Mintz x Runtz
Sample Lot: HL-SCLT0021-2-6
Sample Matrix: Flower
Date Received: 10/3/2023
Date Reported: 10/10/2023
Date Tested: 10/4/2023



Pathogens		PASS
Microbiological screening utilizi	ing qPCR (SOP-204-OA) Test ID: #9224	
Analyte	Result	Pass/Fail
A. Fumigatus	None Detected	PASS
A. Niger	None Detected	PASS
A. Flavus	None Detected	PASS
A. Terreus	None Detected	PASS
STEC	None Detected	PASS
Salmonella	None Detected	PASS

Callie Chapman Lab Director 10/10/2023







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Date Tested: 10/5/2023	

Total Terpenes (%): 2.858

Dominant Terpenes (%)			
trans-Caryophyllene 0.9279			
Limonene	0.8033		
alpha-Humulene	0.2792		
Myrcene	0.1628		
beta-Pinene	0.1563		

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Terpenes				
Standard terpene analysis uti	lizing Gas Chromatograph	ny – Mass Spectrometry (GC-	MS; SOP-069-0A) Test ID:	: #9223
Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.003	0.009
alpha-Bisabolol	0.1536	1.536	0.005	0.014
alpha-Humulene	0.2792	2.792	0.003	0.009
alpha-Pinene	0.1165	1.165	0.004	0.013
alpha-Terpinene	ND	ND	0.004	0.025
alpha-Terpinolene	ND	ND	0.005	0.014
beta-Pinene	0.1563	1.563	0.004	0.013
Camphene	0.0589	0.589	0.003	0.009
Caryophyllene Oxide	ND	ND	0.006	0.017
Cineole	ND	ND	0.003	0.009
gamma-Terpinene	ND	ND	0.005	0.015
Ğeraniol	ND	ND	0.011	0.034
Guaiol	ND	ND	0.003	0.009
Isopulegol	ND	ND	0.004	0.012
Isopropyl Toluene	ND	ND	0.005	0.016
Limonene	0.8033	8.033	0.004	0.012
Linalool	0.1341	1.341	0.005	0.014
Nerolidol	< L00	< LOQ	0.011	0.034
Myrcene	0.1628	1.628	0.004	0.014
Ocimene	0.0654	0.654	0.004	0.012
trans-Caryophyllene	0.9279	9.279	0.004	0.013
Total Terpenes	2.858	28.58		

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 Pesticides
 Pass

 Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-0A) - Limit units: ppm | Test ID:

#9222					
Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00156	0.01560
Abamectin B1b	Pass	ND	0.10000	0.00006	0.00060
Acephate	Pass	ND	0.10000	0.00168	0.01680
Acequinocyl	Pass	ND	0.10000	0.00167	0.01670
Azoxystrobin	Pass	ND	0.10000	0.00168	0.01680
Bifenazate	Pass	ND	0.10000	0.00167	0.01670
Bifenthrin	Pass	ND	3.00000	0.00167	0.01670
Carbaryl	Pass	ND	0.50000	0.00167	0.01670
Chlorpyrifos	Pass	ND	0.04000	0.00167	0.01670
Cypermethrin	Pass	ND	1.00000	0.00168	0.01680
Etoxazole	Pass	ND	0.10000	0.00168	0.01680
Imazalil	Pass	ND	0.04000	0.00167	0.01670
Imidacloprid	Pass	ND	5.00000	0.00166	0.01660
Myclobutanil	Pass	ND	0.10000	0.00167	0.01670
Spinosyn A	Pass	ND	0.10000	0.00120	0.01199
Spinosyn D	Pass	ND	0.10000	0.00042	0.00415
Pyrethrins	Pass	ND	0.50000	0.00022 0.00498 *	0.00072 0.00015 *

* Pyrethrins action limit represents sum of isomers I & II

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Total Cannabinoids					
% mg/g					
Total THC:	21.958	219.576			
Total CBD:					
Total Cannabinoids:	25.935	259.354			

Total theoretical CBD % = (CBD%) + (CBDA% * 0.877) Total theoretical THC % = (delta-9-THC%) + (THCA% * 0.877)

Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-0A) | Test ID: #9220

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.342	3.42	0.3035	3.035	0.0002	0.0040
CBD	< LOQ	< LOQ	< LOQ	< LOQ	0.0008	0.0040
CBDA	ND	ND	ND	ND	0.0002	0.0040
CBDV	ND	ND	ND	ND	0.0008	0.0040
CBDVA	ND	ND	ND	ND	0.0001	0.0040
CBG	< LOQ	< LOQ	< LOQ	< LOQ	0.0009	0.0040
CBGA	0.5562	5.562	0.4937	4.937	0.0001	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBNA	ND	ND	ND	ND	0.0002	0.0040
D8 THC	ND	ND	ND	ND	0.0012	0.0040
D9 THC	< LOQ	< LOQ	< LOQ	< LOQ	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	25.0372	250.372	22.223	222.23	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	< LOQ	< LOQ	< LOO	< L00	0.0002	0.0040

Moisture & Wate	r Activity	PASS						
Water Activity and Moisture Content Analysis (SOP-202-OA) Test ID: #9221								
Analyte	Result (%)	Limit	Pass/Fail					
Moisture Water Activity	11.24 0.50	13.00 0.65	PASS					

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