

Certificate of Analysis

License Number: CLTV0365
Sample ID: VT13972
Sample Name: Irish Punch
Sample Lot: CLTV0365-01-5
Sample Matrix: Flower
Date Received: 10/8/2024
Date Reported: 10/14/2024
Date Tested: 10/10/2024

Client Name: Sun Valley Herbcraft



Total Cannabinoids				
	%	mg/g		
Total THC:	19.487	194.866		
Total CBD:				
Total Cannabinoids:	22.674	226.741		

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: #43003

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
СВС	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.3314	3.314	0.2955	2.955	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	ND	ND	ND	ND	0.0009	0.0040
CBGA	< LOQ	< LOQ	< LOQ	< LOQ	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	0.501	5.01	0.4467	4.467	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	21.6483	216.483	19.3038	193.038	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	0.1934	1.934	0.1725	1.725	0.0002	0.0040

Moisture & Water Activity

PASS

Water Activity and Moisture Content Analysis (SOP-202-OA)	Test ID: #43 <mark>004</mark>
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Analyte	Result (%)	Limit	Pass/Fail	
Moisture Water Activity	10.83 0.47	13.00 0.65	PASS	



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Client Name: Sun Valley Herbcraft License Number: CLTV0365

Sample ID: VT13972

Sample Name: Irish Punch	
Sample Lot: CLTV0365-01-5	
Sample Matrix: Flower	
Date Received: 10/8/2024	
Date Reported: 10/14/2024	
Date Tested: 10/10/2024	

Total Terpenes (%): 2.6139

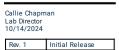
Dominant Terpenes (%)		
alpha-Terpinolene	0.8196	
alpha-Pinene	0.3896	
Limonene	0.3713	
beta-caryophyllene	0.257	
beta-Pinene	0.2193	



Terpenes

Standard terpene analysis utilizing Gas Chromatography - Mass Spectrometry (GC-MS; SOP-069-0A) | Test ID: #43005

	0 0 1 7			
Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	0.0301	0.301	0.000002	0.001
alpha-Bisabolol	0.0355	0.355	0.000003	0.001
alpha-Humulene	0.0946	0.946	0.000002	0.001
alpha-Pinene	0.3896	3.896	0.000001	0.001
alpha-Terpinene	0.0297	0.297	0.000001	0.001
alpha-Terpinolene	0.8196	8.196	0.000004	0.001
beta-caryophyllene	0.257	2.57	0.000004	0.001
beta-Pinene	0.2193	2.193	0.000002	0.001
Camphene	0.0087	0.087	0.000001	0.001
Caryophyllene Oxide	0.0059	0.059	0.000011	0.001
Eucalyptol	ND	ND	0.000002	0.001
gamma-Terpinene	0.0135	0.135	0.000002	0.001
Geraniol	ND 📉	ND	0.000008	0.003
Guaiol	ND	ND	0.000007	0.001
Isopulegol	ND	ND	0.000005	0.001
Isopropyl Toluene	< LOQ	< LOQ	0.000003	0.001
Limonene	0.3713	3.713	0.000002	0.001
Linalool	0.0242	0.242	0.00003	0.001
Nerolidol	0.0062	0.062	0.000007	0.001
Myrcene	0.1162	1.162	0.000003	0.001
Ocimene	0.1925	1.925	0.000002	0.001
Total Terpenes	2.6139	26.139		



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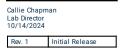
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Sample ID: VT13972
Sample Name: Irish Punch
Sample Lot: CLTV0365-01-5
Sample Matrix: Flower
Date Received: 10/8/2024
Date Reported: 10/14/2024
Date Tested: 10/9/2024

Client Name: Sun Valley Herbcraft



Pathogens	g qPCR (SOP-204-OA) Test ID: #43006	PASS
nalyte	Result	Pass/Fail
A. Fumigatus A. Niger A. Flavus A. Terreus STEC Salmonella	None Detected None Detected None Detected None Detected None Detected None Detected	PASS PASS PASS PASS PASS PASS PASS





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Certificate of Analysis

	Client Name: Sun Valley Herbcraft
	License Number: CLTV0365
	Sample ID: VT13973
	Sample Name: HL: SFVPK, HBOK, HBTK, TK, IP

Sample Lot: CLTV0365-01	
Sample Matrix: Flower	
Date Received: 10/8/2024	
Date Reported: 10/14/2024	
Date Tested: 10/10/2024	



Pesticides

Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-0A) - Limit units: ppm | Test ID: #43008

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00137	0.00416
Abamectin B1b	Pass	ND	0.10000	0.00016	0.00048
Acephate	Pass	ND	0.10000	0.00233	0.00707
Acequinocyl	Pass	ND	0.10000	0.02958	0.08963
Azoxystrobin	Pass	ND	0.10000	0.00152	0.00459
Bifenazate	Pass	ND	0.10000	0.00101	0.00306
Bifenthrin	Pass	ND	3.00000	0.00385	0.01167
Carbaryl	Pass	ND	0.50000	0.00156	0.00473
Chlorpyrifos	Pass	ND	0.04000	0.00228	0.00689
Cypermethrin	Pass	ND	1.00000	0.00898	0.02720
Etoxazole	Pass	ND	0.10000	0.00176	0.00535
Imazalil	Pass	ND	0.04000	0.00147	0.00446
Imidacloprid	Pass	ND	5.00000	0.00029	0.01774
Myclobutanil	Pass	ND	0.10000	0.00166	0.00504
Spinosyn A	Pass	ND	0.10000	0.00104	0.00315
Spinos yn D	Pass	ND	0.10000	0.00061	0.00185
Pyrethrins	Pass	ND	0.50000	0.00022 0.00498 *	0.00072 0.00015 *

* Pyrethrins action limit represents sum of isomers I & II



Callie Chapman Lab Director 10/14/2024 Rev. 1 Initial Release In performing the services, Onward Analytics, ("OA") shall exercise a degree of skill and care ordinarily exercised by a reasonably prudent laboratory professional under similar circumstances. Except as set forth in the preceding sentence, client acknowledges and agrees that: (a) the services may require OA to make judgements based upon limited data rather than upon scientific certainties; (b) OA's approach, recommendations, and associated cost estimates, if any, are based on industry practices and averages; (c) OA renders its opinions with respect to observations made and data available at the time of testing; (d) ultimate outcomes could be inconsistent with OA's conclusions, results and projections; and (e) there may be additional reports relating to the site (whether prepared by OA or other parties), and reliance upon any OA report without reference to any such other reports is done at client's sole risk.

