

Certificate of Analysis

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Client Name: Sun Valley Herbcraft

License Number: CLTV0365

Sample ID: VT13970

Sample Name: Headband/L.A. Kush x Traingle Kush

Sample Lot: CLTV0365-01-4 Sample Matrix: Flower Date Received: 10/8/2024 Date Reported: 10/14/2024

Date Tested: 10/10/2024



Total Cannabinoids				
% mg/g				
Total THC:	23.798	237.982		
Total CBD:				
Total Cannabinoids:	28.419	284.189		

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: #42993

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.3866	3.866	0.3483	3.483	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	0.8964	8.964	0.8076	8.076	0.0001	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBNA	ND	ND	ND	ND	0.0002	0.0040
D8 THC	< LOQ	< LOQ	< LOQ	< LOQ	0.0012	0.0040
D9 THC	< LOQ	< LOQ	< LOQ	< LOQ	0.0016	0.0049
D10 THC	< LOQ	< LOQ	< LOQ	< LOQ	0.0004	0.0040
THCA	27.1359	271.359	24.4467	244.467	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040

Moisture & Water Activity

PASS

Water Activity and Moisture Content Analysis (SOP-202-OA) | Test ID: #42994

Analyte	Result (%)	Limit	Pass/Fail	
Moisture	9.91	13.00		
Water Activity	0.43	0.65	PASS	

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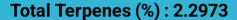
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Sample Lot: CLTV0365-01-4
Sample Matrix: Flower
Date Received: 10/8/2024
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Dominant Terpenes (%)				
beta-caryophyllene	0.979			
alpha-Humulene	0.5093			
Limonene	0.2969			
alpha-Bisabolol	0.21			
Myrcene	0.1757			



Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-0A) | Test ID: #42995

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)	
3-Carene	ND	ND	0.000002	0.001	Т
alpha-Bisabolol	0.21	2.1	0.000003	0.001	
alpha-Humulene	0.5093	5.093	0.000002	0.001	
alpha-Pinene	0.0251	0.251	0.000001	0.001	
alpha-Terpinene	ND	ND	0.000001	0.001	
alpha-Terpinolene	0.0058	0.058	0.000004	0.001	
beta-caryophyllene	0.979	9.79	0.000004	0.001	
beta-Pinene	0.043	0.43	0.000002	0.001	
Camphene	0.0057	0.057	0.000001	0.001	
Caryophyllene Oxide	0.0108	0.108	0.000011	0.001	
Eucalyptol	ND	ND	0.000002	0.001	
gamma-Terpinene	ND	ND	0.000002	0.001	
Geraniol	ND	ND	0.000008	0.003	
Guaiol	ND	ND	0.000007	0.001	
Isopulegol	ND	ND	0.00005	0.001	
Isopropyl Toluene	ND	ND	0.000003	0.001	
Limonene	0.2969	2.969	0.000002	0.001	
Linalool	0.0316	0.316	0.00003	0.001	
Nerolidol	ND	ND	0.00007	0.001	
Myrcene	0.1757	1.757	0.000003	0.001	
Ocimene	0.0044	0.044	0.000002	0.001	
Total Terpenes	2.2973	22.973			

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Sample Name: Headband/L.A. Kush x Traingle Kush

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Date Reported: 10/14/2024 **Date Tested:** 10/9/2024



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-0A) | Test ID: #42996

Analyte	Result	Pass/Fa
A. Fumigatus A. Niger A. Flavus A. Terreus STEC Salmonella	None Detected	PASS PASS PASS PASS PASS PASS



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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
lmazalil	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
Spinosyn 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



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