



261 Mountain View Dr  
 Colchester, VT 05446  
 License #: TLAB0030  
 802-767-7256  
 info@onwardanalytics.biz

# Certificate of Analysis

**Client Name:** Lovespun Homestead LLC  
**License Number:** SCLT00150

**Sample ID:** VT5584  
**Sample Name:** Rainbow Serpent x Heavenly Mountain  
**Sample Lot:** MANU0031-74  
**Sample Matrix:** Mechanical Extraction Concentrates  
**Date Received:** 12/5/2023  
**Date Reported:** 12/13/2023  
**Date Tested:** 12/11/2023



Total Cannabinoids		
	%	mg/g
<b>Total THC:</b>	<b>54.477</b>	<b>544.765</b>
<b>Total CBD:</b>	<b>--</b>	<b>--</b>
<b>Total Cannabinoids:</b>	<b>66.814</b>	<b>668.141</b>

**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: #15874

Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	0.0003	0.0040
CBCA	1.7606	17.606	0.0002	0.0040
CBD	< LOQ	< LOQ	0.0008	0.0040
CBDA	ND	ND	0.0002	0.0040
CBDV	ND	ND	0.0008	0.0040
CBDVA	ND	ND	0.0001	0.0040
CBG	< LOQ	< LOQ	0.0009	0.0040
CBGA	2.9366	29.366	0.0001	0.0040
CBN	ND	ND	0.0004	0.0040
CBNA	ND	ND	0.0002	0.0040
D8 THC	ND	ND	0.0012	0.0040
D9 THC	< LOQ	< LOQ	0.0016	0.0049
D10 THC	ND	ND	0.0004	0.0040
THCA	62.1169	621.169	0.0002	0.0040
THCV	ND	ND	0.0016	0.0049
THCVA	< LOQ	< LOQ	0.0002	0.0040



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**Date Tested:** 12/6/2023



### Pathogens

PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #15876

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



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## Total Terpenes (%) : 9.7565

Dominant Terpenes (%)	
beta-caryophyllene	2.5225
alpha-Pinene	1.6101
Limonene	1.5893
alpha-Humulene	0.9474
beta-Pinene	0.9113

## Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS, SOP-069-OA) | Test ID: #15875

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.00002	0.002
alpha-Bisabolol	0.57	5.7	0.00003	0.002
alpha-Humulene	0.9474	9.474	0.00002	0.002
alpha-Pinene	1.6101	16.101	0.00001	0.002
alpha-Terpinene	ND	ND	0.00001	0.002
alpha-Terpinolene	0.0552	0.552	0.00004	0.002
beta-caryophyllene	2.5225	25.225	0.00004	0.002
beta-Pinene	0.9113	9.113	0.00002	0.002
Camphene	0.095	0.95	0.00001	0.002
Caryophyllene Oxide	0.2044	2.044	0.00011	0.002
Cineole	< LOQ	< LOQ	0.00002	0.002
gamma-Terpinene	ND	ND	0.00002	0.002
Geraniol	ND	ND	0.00008	0.002
Guaicol	0.1836	1.836	0.00007	0.002
Isopulegol	ND	ND	0.00005	0.002
Isopropyl Toluene	ND	ND	0.00003	0.002
Limonene	1.5893	15.893	0.00002	0.002
Linalool	0.0891	0.891	0.00003	0.002
Nerolidol	0.1194	1.194	0.00007	0.002
Myrcene	0.5156	5.156	0.00003	0.002
Ocimene	0.3436	3.436	0.00002	0.002
<b>Total Terpenes</b>	<b>9.7565</b>	<b>97.565</b>		