

Certificate of Analysis

Company: Horseshoe Farms, LLC

Sample ID: OG Chem

Lot: N/A

Report Date: 8/4/2023

Matrix: Flower

Date Analyzed: 8/2/2023

Customer ID: 230517-0

Date Sampled: N/A

Analyst: 011

Grower License #: SCLT0139

Date Received: 7/27/2023

Report ID: C230727AP

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	0.74	0.07
CBGA	0.0008	0.81	0.08
CBG	0.0019	0.64	0.06
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	8.04	0.80
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	191.45	19.14
CBC	0.0024	<LOQ	<LOQ
Total THC		175.94	17.59
Total CBD		0.65	0.07
Total Cannabinoids		201.69	20.17

17.59%

Total THC

0.07%

Total CBD

20.17%

Total Cannabinoids

0.8%

Δ9-THC

14.90%

Percent Moisture

1 : 0

THC : CBD Ratio



Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:
 Total THC = (THCA x 0.877) + Δ9-THC Total CBD = (CBDA x 0.877) + CBD
 Ratio of Total CBD: Total THC Reagent Blanks: < LOQs for all analytes

LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement.
 Δ9-THC MU = ±0.005% Total THC MU = ±0.007%

All other cannabinoid MU values are available upon request.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context. Results apply to the samples as received.

Certified by: *Luke E. M.*
 Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

Certificate of Analysis

Company: Horseshoe Farms, LLC

Sample ID: OG Chem

Lot: N/A

Matrix: Flower

Report Date: 8/8/2023

Date Analyzed: 8/7/2023

Customer ID: 230517-0

Date Sampled: N/A

Analyst: 048

Grower License #: SCLT0139

Date Received: 7/27/2023

Report ID: C230727AP

Terpenes Summary

Terpene	LOQ (mg/g)	Results (mg/g)	Weight (%)
α - Pinene	0.010	0.568	0.057
Camphene	0.010	0.104	0.010
β -Myrcene	0.010	5.788	0.579
b-Pinene	0.010	1.124	0.112
3-Carene	0.010	<LOQ	<LOQ
α -Terpinene	0.010	0.015	0.002
Limonene	0.010	3.906	0.391
p-Cymene	0.010	<LOQ	<LOQ
Ocimene	0.010	<LOQ	<LOQ
Eucalyptol	0.010	0.121	0.012
γ -Terpinene	0.010	0.025	0.003
Terpinolene	0.010	0.059	0.006
Linalool	0.010	1.426	0.143
Isopulegol	0.010	<LOQ	<LOQ
Geraniol	0.010	<LOQ	<LOQ
Caryophyllene	0.010	1.329	0.133
α -Humulene	0.010	0.396	0.040
Trans-Nerolidol	0.010	<LOQ	<LOQ
Cis-Nerolidol	0.010	<LOQ	<LOQ
Guaiol	0.010	<LOQ	<LOQ
Caryophyllene Oxide	0.010	0.014	0.001
α -Bisabolol	0.010	0.044	0.004
Total Terpenes		14.919	1.493

14.90%
Percent Moisture

LOQ = The lowest quantity this method can reliably detect. Any terpene that was not detected is assumed to be less than the stated LOQ (<LOQ).

Terpene Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus® SQ8 GC MS

Reagent Blanks: < LOQs for all analytes

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Certificate of Analysis

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Sample ID: OG Chem

Lot: N/A

Matrix: Flower

Date Sampled: N/A

Date Received: 7/27/2023

Report Date: 8/4/2023

Date Analyzed: 8/3/2023

Analyst: 018

Report ID: C230727AP

Customer ID: 230517-0

Grower License #: SCLT0139

Pathogen Summary

Target Pathogens	Method	LOD (cfu/g)	Result (cfu/g)
Aspergillus - flavus, fumigatus, niger, terreus	Aspergillus AOAC PTM No. 032104	5	<LOD
STEC	STEC Virx AOAC PTM No. 121203	5	<LOD
Salmonella spp.	Salmonella II AOAC PTM No. 010803	5	<LOD



Test Methodology: Bio-Rad IQ-Check PCR Kits

cfu/g = colony forming units per gram

LOD = The lowest quantity that this method can reliably detect. Any microbial growth that was not detected is assumed to be less than the stated LOD (<LOD).

Reagent Blanks: <LOD for all analytes

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