

MANU0027-IP0003

Sample ID: BIA251107S0240
 Strain: Queen's Sangria Infused Preroll
 Harvest Lot: MANU0027-IP0003
 Matrix: Plant
 Type: Enhanced/Infused Preroll
 Sample Size: 3 units
 Lot#:

Produced:
 Collected:
 Received: 11/07/2025
 Completed: 11/17/2025
 Batch#:

Client
Northeast Kingdom Hemp
 Lic. #
 Barton, VT 05822



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	11/12/2025	Complete
Moisture	11/11/2025	9.60% - Complete
Water Activity	11/11/2025	0.470 aw - Complete
Terpenes	11/11/2025	Complete

Cannabinoids

Completed

36.87% Total THC	ND Total CBD	42.81% Total Cannabinoids
----------------------------	------------------------	-------------------------------------

Analyte	LOQ	Mass	Mass	Analyte	LOQ	Mass	Mass
	%	%	mg/g		%	%	mg/g
CBDVa	0.0000	<LOQ	<LOQ	CBCVa	0.0000	<LOQ	<LOQ
CBDV	0.0000	<LOQ	<LOQ	CBNa	0.0000	<LOQ	<LOQ
CBDa	0.0001	<LOQ	<LOQ	Δ9-THC	0.0001	21.33	213.3
CBGa	0.0001	0.97	9.7	Δ8-THC	0.0000	<LOQ	<LOQ
CBG	0.0001	1.01	10.1	Δ10-THC*	0.0000	<LOQ	<LOQ
CBD	0.0001	<LOQ	<LOQ	CBL	0.0001	<LOQ	<LOQ
THCV	0.0000	0.23	2.3	CBC	0.0000	0.56	5.6
CBLV	0.0000	0.15	1.5	THCa	0.0001	17.72	177.2
CBCV	0.0000	<LOQ	<LOQ	CBCa	0.0001	0.49	4.9
THCVa	0.0000	0.17	1.7	CBLa	0.0001	<LOQ	<LOQ
CBN	0.0001	0.19	1.9	Total THC		36.87	368.69
				Total CBD		ND	ND
				Total		42.81	428.12

Analyst: 052

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:

$$\text{Total THC} = (\text{THCA} \times 0.877) + \Delta 9\text{-THC}$$

$$\text{Total CBD} = (\text{CBDA} \times 0.877) + \text{CBD Reagent}$$

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 and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.

*The result is the sum of delta-10 isomers.




 Luke Emerson-Mason
 Laboratory Director
 11/17/2025

 Confident LIMS
 All Rights Reserved
coa.support@confidentlims.com
 (866) 506-5866
www.confidentlims.com


MANU0027-IP0003

Sample ID: BIA251107S0240
Strain: Queen's Sangria Infused Preroll
Harvest Lot: MANU0027-IP0003
Matrix: Plant
Type: Enhanced/Infused Preroll
Sample Size: 3 units
Lot#:

Produced:
Collected:
Received: 11/07/2025
Completed: 11/17/2025
Batch#:

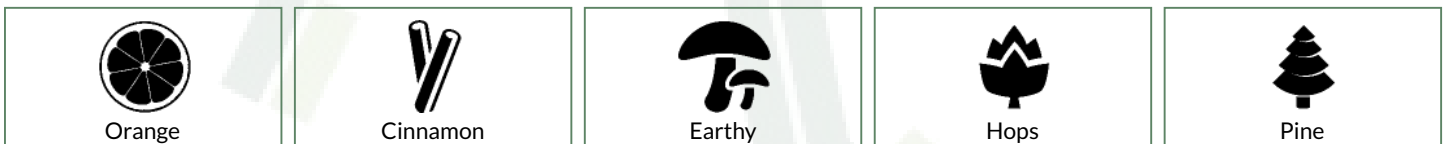
Client:
Northeast Kingdom Hemp
Lic. #
 Barton, VT 05822

Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
Limonene	0.010	2.812	0.281
β-Caryophyllene	0.010	2.791	0.279
Ocimene	0.010	2.489	0.249
β-Myrcene	0.010	2.234	0.223
α-Pinene	0.010	1.663	0.166
Linalool	0.010	1.397	0.140
β-Pinene	0.010	1.383	0.138
α-Humulene	0.010	1.100	0.110
Terpinolene	0.010	0.263	0.026
Camphene	0.010	0.108	0.011
Eucalyptol	0.010	0.045	0.005
α-Bisabolol	0.010	0.024	0.002
Geraniol	0.010	0.018	0.002
γ-Terpinene	0.010	0.018	0.002
Guaiol	0.010	0.017	0.002
Caryophyllene Oxide	0.010	0.015	0.001
α-Terpinene	0.010	0.013	0.001
3-Carene	0.010	<LOQ	<LOQ
cis-Nerolidol	0.010	<LOQ	<LOQ
Isopulegol	0.010	<LOQ	<LOQ
p-Cymene	0.010	<LOQ	<LOQ
trans-Nerolidol	0.010	<LOQ	<LOQ
Total		16.389	1.639

Primary Aromas



Analyst: 048

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

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

All moisture and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.




Luke Emerson-Mason
 Laboratory Director
 11/17/2025

Confident LIMS
 All Rights Reserved
coa.support@confidentlims.com
 (866) 506-5866
www.confidentlims.com

