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%	ND	42.81%
Total THC	Total CBD	Total Cannabinoids

Analyte	LOQ	Mass	Mass
	%	%	mg/g
CBDVa	0.0000	<LOQ	<LOQ
CBDV	0.0000	<LOQ	<LOQ
CBDa	0.0001	<LOQ	<LOQ
CBGa	0.0001	0.97	9.7
CBG	0.0001	1.01	10.1
CBD	0.0001	<LOQ	<LOQ
THCV	0.0000	0.23	2.3
CBLV	0.0000	0.15	1.5
CBCV	0.0000	<LOQ	<LOQ
THCVa	0.0000	0.17	1.7
CBN	0.0001	0.19	1.9

Analyte	LOQ	Mass	Mass
	%	%	mg/g
CBCVa	0.0000	<LOQ	<LOQ
CBNa	0.0000	<LOQ	<LOQ
Δ9-THC	0.0001	21.33	213.3
Δ8-THC	0.0000	<LOQ	<LOQ
Δ10-THC*	0.0000	<LOQ	<LOQ
CBL	0.0001	<LOQ	<LOQ
CBC	0.0000	0.56	5.6
THCa	0.0001	17.72	177.2
CBCa	0.0001	0.49	4.9
CBLa	0.0001	<LOQ	<LOQ
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:
TotalTHC=(THCAx0.877)+Δ9-THC
Total CBD = (CBDA x 0.877) + 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

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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

Orange | Cinnamon | Earthy | Hops | Pine

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