

KCA Laboratories 232 North Plaza Drive Nicholasville, KY 40356

+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P\_0058

### king louis 13th

Sample ID: SA-250110-55039 Batch: kl1 Type: In-Process Material Matrix: Concentrate - Badder Unit Mass (g):

Received: 12/11/2024 Completed: 01/10/2025 Client WNC-CBD PO Box 17865 Asheville, NC 28806 USA



Summary

Test Cannabinoids Terpenes Date Tested 12/24/2024 01/10/2025

Status Tested Tested

**0.145 %** Δ9-THC **80.2 %** Δ9-THCA 81.5 %

Total Cannabinoids

Not Tested

Moisture Content

Not Tested

Foreign Matter

Yes

Internal Standard Normalization

## Cannabinoids by HPLC-PDA and GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC	0.0095	0.0284	ND	ND
CBCA	0,0181	0.0543	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	ND	ND
CBDA	0.0043	0.013	ND	ND
CBDV	0.0061	0.0182	ND	ND
CBDVA	0.0021	0.0063	ND	ND
CBG	0.0057	0.0172	ND	ND
CBGA	0.0049	0.0147	ND	ND
CBL	0.0112	0,0335	ND	ND
CBLA	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	ND	ND
CBNA	0.006	0.0181	0.304	3.04
CBT	0.018	0.054	ND	ND
Δ4,8-iso-THC	0.0067	0.02	ND	ND
Δ8-iso-THC	0.0067	0.02	ND	ND
Δ8-THC	0.0104	0.0312	ND	ND
Δ8-THCV	0.0067	0.02	ND	ND
Δ9-THC	0.0076	0.0227	0.145	1.45
Δ9-ΤΗCΑ	0.0084	0.0251	80.2	802
Δ9-THCV	0.0069	0.0206	ND	ND
Δ9-THCVA	0.0062	0.0186	0.813	8.13
exo-THC	0.0067	0.02	ND	ND
Total Δ9-THC			70.5	705
Total			81.5	815

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit;  $\Delta$  = Delta; Total  $\Delta$ 9-THC =  $\Delta$ 9-THC  $\Delta$ 9-THC, Total CBD = CBDA \* 0.877 +  $\Delta$ 9-THC, Total CBD = CBDA \* 0.877 +  $\Delta$ 9-THC.

Generated By: Ryan Bellone CCO

Date: 01/10/2025

Tested By: Scott Caudill Laboratory Manager Date: 12/24/2024





ISO/IEC 17025:2017 Accredited



This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 170252017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories KCA Laboratories and provide measurement uncertainty upon request.



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#### **Certificate of Analysis**

2 of 2

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# Terpenes by GC-MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
α-Bisabolol	0.002	0.01	0.0842	Limonene	0.002	0.01	0.896
(+)-Borneol	0.002	0.01	ND	Linalool	0.002	0.01	0.215
Camphene	0.002	0.01	0.014	β-myrcene	0.002	0.01	0.386
Camphor	0.004	0.02	<loq< td=""><td>Nerol</td><td>0.002</td><td>0.01</td><td>ND</td></loq<>	Nerol	0.002	0.01	ND
3-Carene	0.002	0.01	<loq< td=""><td>cis-Nerolidol</td><td>0.002</td><td>0.01</td><td>ND</td></loq<>	cis-Nerolidol	0.002	0.01	ND
β-Caryophyllene	0.002	0.01	0.794	trans-Nerolidol	0.002	0.01	0.0374
Caryophyllene Oxide	0.002	0.01	0.0789	Ocimene	0.002	0.01	ND
α-Cedrene	0.002	0.01	<loq< td=""><td>α-Phellandrene</td><td>0.002</td><td>0.01</td><td>ND</td></loq<>	α-Phellandrene	0.002	0.01	ND
Cedrol	0.002	0.01	ND	α-Pinene	0.002	0.01	0.173
Eucalyptol	0.002	0.01	ND	β-Pinene	0.002	0.01	0.147
Fenchone	0.004	0.02	ND	Pulegone	0.002	0.01	ND
Fenchyl Alcohol	0.002	0.01	0.0753	Sabinene	0.002	0.01	<loq< td=""></loq<>
Geraniol	0.002	0.01	0.0112	Sabinene Hydrate	0.002	0.01	ND
Geranyl Acetate	0.002	0.01	ND	α-Terpinene	0.002	0.01	<loq< td=""></loq<>
Guaiol	0.002	0.01	ND	γ-Terpinene	0.002	0.01	0.0245
Hexahydrothymol	0.002	0.01	ND	α-Terpineol	0.001	0.005	0.0779
α-Humulene	0.002	0.01	0.135	γ-Terpineol	0.001	0.005	ND
Isoborneol	0.002	0.01	ND	Terpinolene	0.002	0.01	0.0767
Isopulegol	0.002	0.01	ND	Valencene	0.002	0.01	<loq< td=""></loq<>
				Total Terpenes (%)			3.26

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates











RED

Generated By: Ryan Bellone CCO Date: 01/10/2025 Helsey Rogers

Tested By: Kelsey Rogers Scientist Date: 01/10/2025

