KCA Laboratories
232 North Plaza Drive
Nicholasville, KY 40356

+1-833-KCA-LABS
https://kcalabs.com
KDA Lic.# P_0058

Certificate of Analysis

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

0.145 %	80.2 %	81.5 %	Not Tested	Not Tested	Yes
Δ9-THC	Δ9-THCA	Total Cannabinoids	Moisture Content	Foreign Matter	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-THCA	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; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;

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

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

ISO/IEC 17025:2017 Accredited
Accreditation #108651

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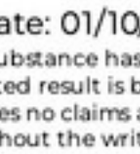
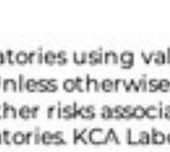
Terpenes by GC-MS

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	Nerol	0.002	0.01	ND
3-Carene	0.002	0.01	<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	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
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
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
				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


Citrus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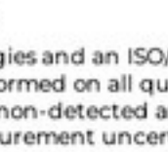
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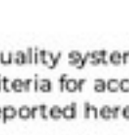
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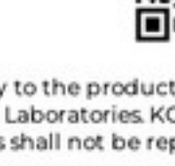
Fruity

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

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