

# Certificate of Analysis

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Kramer Hemp, LLC

 108 Locust Lane  
 Mt. Airy, NC 27030  
 kramerhemp@gmail.com  
 336-413-4275

Sample: 12-06-2024-58164

 Sample Received: 12/06/2024;  
 Report Created: 12/16/2024; Expires: 12/16/2025

#1945 1500mg

Ingestible, Tincture



0.087 %

Total THC

0.087 %

Δ-9 THC

4.324 %

Total Cannabinoids

3.700 %

Total CBD

## Cannabinoid

Complete

(Testing Method: HPLC, CON-P-3000)

Date Tested: 12/06/2024

Analyte	LOD	LOQ	Mass	Mass
	%	%	%	mg/g
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0094	0.0142	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0094	0.0142	0.087	0.870
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0094	0.0142	<LOQ	<LOQ
Δ-9-Tetrahydrocannabiphol (Δ-9 THCP)	0.0094	0.0142	ND	ND
Δ-9-Tetrahydrocannabivarin (Δ-9 THCV)	0.0094	0.0142	ND	ND
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9 THCVA)	0.0094	0.0142	ND	ND
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0094	0.0142	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0094	0.0142	ND	ND
9R-Hexahydrocannabinol (9R-HHC)	0.0094	0.0142	ND	ND
9S-Hexahydrocannabinol (9S-HHC)	0.0094	0.0142	ND	ND
Cannabidivarin (CBDV)	0.0094	0.0142	<LOQ	<LOQ
Cannabidivarinic Acid (CBDVA)	0.0094	0.0142	ND	ND
Cannabidiol (CBD)	0.0094	0.0142	2.531	25.313
Cannabidiolic Acid (CBDA)	0.0094	0.0142	1.333	13.325
Cannabigerol (CBG)	0.0094	0.0142	0.033	0.325
Cannabigerolic Acid (CBGA)	0.0094	0.0142	0.026	0.260
Cannabinol (CBN)	0.0094	0.0142	0.017	0.174
Cannabinolic Acid (CBNA)	0.0094	0.0142	ND	ND
Cannabichromene (CBC)	0.0094	0.0142	0.208	2.083
Cannabichromenic Acid (CBCA)	0.0094	0.0142	0.089	0.889
<b>Total</b>			4.324	43.239

Total THC = THCa \* 0.877 + Δ9-THC; Total CBD = CBDA \* 0.877 + CBD; LOQ = Limit of Quantitation; ND = Not Detected.

 Total THC Measurement of Uncertainty: ± 0.040%  
 Total CBD Measurement of Uncertainty: ± 2.000%

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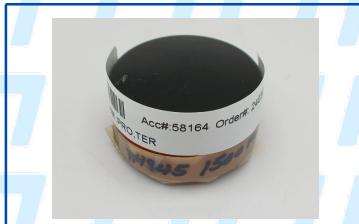


## Terpenes

(Testing Method: HS-GC/MS, CON-P-4000)

Date Tested: 12/06/2024

Analyte	LOD	LOQ	Mass	Mass
	PPM	PPM	PPM	mg/g
α-Bisabolol	0.750	3.000	49.602	0.050
α-Humulene	0.750	3.000	54.062	0.054
α-Pinene	0.750	3.000	ND	ND
α-Terpineol	0.750	3.000	<LOQ	<LOQ
1,8-Cineole	0.750	3.000	10.399	0.010
β-Caryophyllene	0.750	3.000	196.066	0.196
β-Myrcene	0.750	3.000	48.665	0.049
Borneol	0.750	3.000	6.650	0.007
Camphene	0.750	3.000	ND	ND
Carene	0.750	3.000	ND	ND
Caryophyllene Oxide	3.000	3.000	27.312	0.027
Citral	0.750	3.000	ND	ND
Dihydrocarveol	0.750	3.000	ND	ND
Fenchone	0.750	3.000	4.698	0.005
γ-Terpineol	0.750	3.000	ND	ND
Limonene	0.750	3.000	26.554	0.027
Linalool	0.750	3.000	62.569	0.063
Menthol	0.750	3.000	ND	ND
Nerolidol	0.750	3.000	ND	ND
Ocimene	0.750	3.000	9.816	0.010
Pulegone	0.750	3.000	ND	ND
Terpinolene	0.750	3.000	ND	ND
<b>Total</b>			496.394	0.496
				0.050 %



## Primary Aromas

Cinnamon



Lavender



Hops



Floral



Clove



Total terpenes value is qualitative and includes concentrations outside the assay quantitative analytical range.