

# Certificate of Analysis

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Kramer Hemp, LLC

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

Sample: 12-06-2024-58161

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

#1942 250mg

Ingestible, Tincture



0.021 %

Total THC

&lt;LOQ %

Δ-9 THC

0.729 %

Total Cannabinoids

0.603 %

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)	0.0098	0.0146	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0098	0.0146	<LOQ	<LOQ
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0098	0.0146	0.024	0.238
Δ-9-Tetrahydrocannabiphorol (Δ-9 THCP)	0.0098	0.0146	ND	ND
Δ-9-Tetrahydrocannabivarin (Δ-9 THCV)	0.0098	0.0146	ND	ND
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9 THCVA)	0.0098	0.0146	ND	ND
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0098	0.0146	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0098	0.0146	ND	ND
9R-Hexahydrocannabinol (9R-HHC)	0.0098	0.0146	ND	ND
9S-Hexahydrocannabinol (9S-HHC)	0.0098	0.0146	ND	ND
Cannabidivarin (CBDV)	0.0098	0.0146	ND	ND
Cannabidivarinic Acid (CBDVA)	0.0098	0.0146	<LOQ	<LOQ
Cannabidiol (CBD)	0.0098	0.0146	0.142	1.419
Cannabidiolic Acid (CBDA)	0.0098	0.0146	0.526	5.257
Cannabigerol (CBG)	0.0098	0.0146	ND	ND
Cannabigerolic Acid (CBGA)	0.0098	0.0146	0.016	0.156
Cannabinol (CBN)	0.0098	0.0146	ND	ND
Cannabinolic Acid (CBNA)	0.0098	0.0146	ND	ND
Cannabichromene (CBC)	0.0098	0.0146	<LOQ	<LOQ
Cannabichromenic Acid (CBCA)	0.0098	0.0146	0.022	0.222
<b>Total</b>			<b>0.729</b>	<b>7.292</b>

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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Ingestible, Tincture



## 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	22.888	0.023
α-Humulene	0.750	3.000	27.468	0.027
α-Pinene	0.750	3.000	ND	ND
α-Terpineol	0.750	3.000	ND	ND
1,8-Cineole	0.750	3.000	<LOQ	<LOQ
β-Caryophyllene	0.750	3.000	132.455	0.132
β-Myrcene	0.750	3.000	13.356	0.013
Borneol	0.750	3.000	ND	ND
Camphene	0.750	3.000	ND	ND
Carene	0.750	3.000	ND	ND
Caryophyllene Oxide	3.000	3.000	6.189	0.006
Citral	0.750	3.000	ND	ND
Dihydrocarveol	0.750	3.000	ND	ND
Fenchone	0.750	3.000	ND	ND
γ-Terpineol	0.750	3.000	ND	ND
Limonene	0.750	3.000	5.277	0.005
Linalool	0.750	3.000	<LOQ	<LOQ
Menthol	0.750	3.000	ND	ND
Nerolidol	0.750	3.000	ND	ND
Ocimene	0.750	3.000	6.167	0.006
Pulegone	0.750	3.000	ND	ND
Terpinolene	0.750	3.000	ND	ND
<b>Total</b>			213.800	0.214
				0.021 %



## Primary Aromas

### Cinnamon



### Hops



### Floral



### Clove



### Wood



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