

## Longleaf Distribution Co

1308 S Hawthorne Rd  
Winston Salem, NC 28713  
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336-602-2423

Sample: 04-18-2024-48998W6519

Sample Received: 04/18/2024;  
Report Created: 06/06/2024; Expires: 04/19/2025

Royal Octane  
Plant



**28.479 %**

Total THC

**0.270 %**

Δ-9 THC

**33.441 %**  
Total Cannabinoids

**<LOQ %**  
Total CBD

## Cannabinoids

(Testing Method: HPLC, CON-P-3000)  
Date Tested: 04/18/2024

Complete

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0452	0.0679	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0452	0.0679	0.270	2.697	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0452	0.0679	32.166	321.656	
Δ-9-Tetrahydrocannabiphlorol (Δ-9-THCP)	0.0452	0.0679	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0452	0.0679	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0452	0.0679	<LOQ	<LOQ	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0452	0.0679	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0452	0.0679	ND	ND	
9R-Hexahydrocannabinol (9R-HHC)	0.0452	0.0679	ND	ND	
9S-Hexahydrocannabinol (9S-HHC)	0.0452	0.0679	ND	ND	
Tetrahydrocannabinol Acetate (THCO)	0.0452	0.0679	ND	ND	
Cannabidivarin (CBDV)	0.0452	0.0679	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0452	0.0679	ND	ND	
Cannabidiol (CBD)	0.0452	0.0679	ND	ND	
Cannabidiolic Acid (CBDA)	0.0326	0.0679	<LOQ	<LOQ	
Cannabigerol (CBG)	0.0326	0.0679	<LOQ	<LOQ	
Cannabigerolic Acid (CBGA)	0.0452	0.0679	0.854	8.543	
Cannabinol (CBN)	0.0452	0.0679	ND	ND	
Cannabinolic Acid (CBNA)	0.0326	0.0679	<LOQ	<LOQ	
Cannabichromene (CBC)	0.0452	0.0679	ND	ND	
Cannabichromenic Acid (CBCA)	0.0452	0.0679	0.151	1.511	
<b>Total</b>			<b>33.441</b>	<b>334.407</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%  
THCO potency analysis does not designate quantitative specificity of Δ-8-THCO and Δ-9-THCO isomers

Amended report issued to reflect change in sample identification.



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