

CTPharma  
280 Dividend Rd.  
Rocky Hill, CT 06067

Date Received: 7/8/2025  
Report Date: 7/14/2025  
NELabs Report ID: 2597980-04

**IK4020425-FLW**

Biotrack ID: ROYALE FLOWER

6673 6138 4314 0652

Microbiology	Results	Limits	Methods
Total Aerobic Microbial Count (cfu/g)	<100	100,000	AOAC 990.12
Total Yeast & Mold Count (cfu/g)	<100	100,000	AOAC 2014.05
<i>Aspergillus</i> (flavus, fumigatus, terreus, niger)	Not Detected	Not Detected	qPCR
Enteropathogenic <i>E. coli</i>	Not Detected	Not Detected	AOAC 2017.01
<i>Listeria Monocytogenes</i>	Not Detected	Not Detected	AOAC 2016.08
<i>Salmonella</i> species	Not Detected	Not Detected	AOAC 2016.01
Shiga Toxin Producing <i>E. coli</i>	Not Detected	Not Detected	AOAC PTM#071903
Pass/Fail	Pass		

By HPLC

By GC - MS

Cannabinoids	Results (% w/w)*	Dosing (mg/package)
CBDV		
CBDA	<LOQ	<LOQ
CBGA	0.76	22.9
CBG	<LOQ	<LOQ
CBD		
THCV		
CBN		
$\Delta^9$ THC	0.72	21.7
$\Delta^8$ THC		
CBL		
THCA	27.54	829.9
CBC		
<b>Total Cannabinoids</b>	<b>29.02</b>	<b>874.5</b>
<b>Total THC % <small>(0.877*THCA)+THC</small></b>	<b>24.87</b>	

Terpenes	Results (% w/w)*
$\alpha$ -Pinene	0.05
Camphene	0.02
$\beta$ -Myrcene	0.71
$\beta$ -Pinene	0.10
$\delta$ -3-Carene	
Limonene	0.56
p-Cymene	
$\alpha$ -Terpinolene	
Linalool	0.12
Caryophyllene	0.78
$\alpha$ -Humulene	0.28
$\alpha$ -Bisabolol	
Terpinene (total)	
Ocimene (total)	0.03
Nerolidol (total)	0.04
<b>Total Terpenes</b>	<b>2.69</b>

\* % by dry weight

**Moisture**

**Results**

Water Content (% w/w)	13.9
Water Activity (Aw)	0.57



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Pesticides	Results	Limits	Methods
Per Sample $\geq$ 0.5 g	Below Action Limits	Below Action Limits	LC & GC - MS/MS
Pass/Fail	Pass		

  

Mycotoxins	Results ( $\mu\text{g}/\text{kg}$ )	Limits ( $\mu\text{g}/\text{kg}$ )	Methods
Aflatoxins (B1, B2, G1, G2)	Below Action Limits	< 20 each	LC - MS/MS
Ochratoxin-A	Below Action Limits	< 20	
Pass/Fail	Pass		

  

Heavy Metals	Results	Limits	Methods
As, Cd, Pb, Hg, Cr	Below Action Limits	Below Action Limits	ICP - MS
Pass/Fail	Pass		

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 7/8/2025

DATE 7/14/2025	Reviewed by 	Released by 
	Garrett Johnson, QA/QC	Zachary Cannone, Laboratory Director

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025: 2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO/ILAC-IAF Communiqué dated April 2017).  
Not all results and/or analytes reported are obtained for ISO accredited testing methods. Please refer to our ISO certificate for a full list of testing under our scope of accreditation.

