

	Certificate of Analysis							
Company:	Cavelion LC		Sample ID:	RK				
			Lot:	N/A		Report Date: 5/24/2023		
		Matrix: Flower			Date Analyzed: 5/23/2023			
Customer ID:	221021-3	Date Sampled: N/A			Analyst: 011			
Grower License #:	SCLT0073	Date Received: 5/17/2023			Report ID: C230517AA			
		(	Cannabinoid S	Summary				
Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)	]	11.79%		0.05%	
CBDVA	0.0005	<loq< td=""><td><loq< td=""><td></td><td>Total THC</td><td>Total THC</td><td>Total CBD</td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td>Total THC</td><td>Total THC</td><td>Total CBD</td><td></td></loq<>		Total THC	Total THC	Total CBD	
CBDV	0.0012	<loq< td=""><td><loq< td=""><td></td><td></td><td></td><td>Total CBD</td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td><td></td><td>Total CBD</td><td></td></loq<>				Total CBD	
CBDA	0.0008	0.56	0.06					-
CBGA	0.0008	4.32	0.43					
CBG	0.0019	0.85	0.09		14.06%		0.25%	
CBD	0.0019	<loq< td=""><td><loq< td=""><td></td><td>14.00%</td><td>0.25%</td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td>14.00%</td><td>0.25%</td><td></td></loq<>		14.00%	0.25%		
тнсу	0.0021	<loq< th=""><th><loq< th=""><th></th><th>Total</th><th></th><th></th></loq<></th></loq<>	<loq< th=""><th></th><th>Total</th><th></th><th></th></loq<>		Total			
CBN	0.0013	<loq< th=""><th><loq< th=""><th></th><th>Cannabinoids</th><th></th><th>Δ9-ΤΗϹ</th><th></th></loq<></th></loq<>	<loq< th=""><th></th><th>Cannabinoids</th><th></th><th>Δ9-ΤΗϹ</th><th></th></loq<>		Cannabinoids		Δ9-ΤΗϹ	
Δ9-ТНС	0.0020	2.46	0.25					-
Δ8-THC	0.0019	<loq< td=""><td><loq< td=""><td></td><td></td><td></td><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td><td></td><td></td><td></td></loq<>					
THC-A	0.0034	131.62	13.16		0 170/		1.0	
СВС	0.0024	0.75	0.07		8.17%		1:0	
Total THC		117.89	11.79	1	Percent		THC : CBD	
Total CBD		0.49	0.05		Moisture		Ratio	
Total Cannabir	noids	140.56	14.06					

Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows: Total THC = (THCA x 0.877) +  $\Delta$ 9-THC Ratio of Total CBD: Total THC Reagent Blanks: < LOQs for all analytes

LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement.  $\Delta$ 9-THC MU = ±0.005% Total THC MU = ±0.007%

All other cannabinoid MU values are available upon request.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

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Luke E.M.

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

C230517AA

(802) 540-0148 laboratory@biadiagnostics.com Certificate Registration Number: CL\_50\_2021\_002



Customer ID: 221021-3

Grower License #: SCLT0073

# Certificate of Analysis

Company: Cavelion LC

Sample ID: RK Lot: N/A Matrix: Flower Date Sampled: N/A Date Received: 5/17/2023

**Report Date: 5/30/2023** Date Analyzed: 5/26/2023 Analyst: 035 Report ID: C230517AA

### **Terpenes Summary**

Terpene	LOQ (mg/g)	Results (mg/g)	Weight (%)	
α- Pinene	0.010	2.234	0.223	
Camphene	0.010	0.116	0.012	
β-Myrcene	0.010	1.434	0.143	
b-Pinene	0.010	2.138	0.214	
3-Carene	0.010	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>	
α-Terpinene	0.010	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>	
Limonene	0.010	1.257	0.126	
ρ-Cymene	0.010	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>	
Ocimene	0.010	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>	
Eucalyptol	0.010	0.018	0.002	
Y-Terpinene	0.010	0.014	0.001	
Terpinolene	0.010	0.046	0.005	
Linalool	0.010	1.054	0.105	
Isopulegol	0.010	0.174	0.017	
Geraniol	0.010	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>	
Caryophyllene	0.010	1.154	0.115	
α-Humulene	0.010	0.335	0.034	
Trans-Nerolidol	0.010	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>	
Cis-Nerolidol	0.010	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>	
Guaiol	0.010	0.179	0.018	
Caryophyllene Oxide	0.010	0.038	0.004	
α-Bisabolol	0.010	0.019	0.002	
Total Terpenes		10.210	1.021	

8.17% Percent Moisture

LOQ = The lowest quantity this method can reliably detect. Any terpene that was not detected is assumed to be less than the stated LOQ (<LOQ).

Terpene Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus® SQ8 GC MS

Reagent Blanks: < LOQs for all analytes

All results reflect dry weight of material, based on % moisture of the sample.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.



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Certified by: Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

like E.M.

(802) 540-0148 laboratory@biadiagnostics.com



Customer ID: 221021-3

Grower License #: SCLT0073

Company: Cavelion LC

#### **Certificate of Analysis**

Sample ID: HL3 Lot: N/A Matrix: Flower Date Sampled: N/A Date Received: 5/17/2023

Report Date: 5/26/2023 Date Analyzed: 5/26/2023 Analyst: 011 Report ID: C230517AD

## Pathogen Summary

Target Pathogens	Method	LOD (cfu/g)	Result (cfu/g)
Aspergillus - flavus, fumigatus, niger, terreus	Aspergillus AOAC PTM No. 032104	5	<lod< td=""></lod<>
STEC	STEC Virx AOAC PTM No. 121203	5	<lod< td=""></lod<>
Salmonella II Salmonella spp. AOAC PTM No. 010803		5	<lod< td=""></lod<>



Test Methodology: Bio-Rad IQ-Check PCR Kits

cfu/g = colony forming units per gram

LOD = The lowest quantity that this method can reliably detect. Any microbial growth that was not detected is assumed to be less than the stated LOD (<LOD).

Reagent Blanks: <LOD for all analytes

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#### **Certificate of Analysis**

Company: Cavelion LC

Customer ID: 221021-3

Grower License #: SCLT0073

Sample ID: HL3 Lot: N/A Matrix: Flower Date Sampled: N/A Date Received: 5/17/2023

Report Date: 5/26/2023 Date Analyzed: 5/25/2023 Analyst: 045 Report ID: C230517AD

Pesticides/Mycotoxins Summary

Category II Residual Pesticide	LOQ (ppm)	Concentration (ppm)
Abamectin	0.0100	<loq< th=""></loq<>
Acephate	0.0010	<loq< th=""></loq<>
Acequinocyl	0.0010	<loq< th=""></loq<>
Azoxystrobin	0.0010	<loq< th=""></loq<>
Bifenazate	0.0010	<loq< th=""></loq<>
Bifenthrin	0.0010	<loq< th=""></loq<>
Carbaryl	0.0010	<loq< th=""></loq<>
Cypermethrin	0.0100	<loq< th=""></loq<>
Etoxazole	0.0010	<loq< th=""></loq<>
Imidacloprid	0.0010	<loq< th=""></loq<>
Myclobutanil	0.0010	<loq< th=""></loq<>
Pyrethrin I	0.0010	<loq< th=""></loq<>
Pyrethrin II	0.0010	<loq< th=""></loq<>
Spinosyn A	0.0010	<loq< th=""></loq<>
Spinosyn D	0.0010	<loq< th=""></loq<>

LOQ (ppm)	Concentration (ppm)	
0.0020	NOT TESTED	
0.0002	NOT TESTED	
0.0010	NOT TESTED	
0.0002	NOT TESTED	
0.0010	NOT TESTED	
	0.0020 0.0002 0.0010 0.0002	

Category I Residual Pesticide	LOQ (ppm)	Concentration (ppm)		
Chlorpyrifos	0.0010	<loq< th=""></loq<>		
Imazalil	0.0010	<loq< th=""></loq<>		



9.23%
Percent Moisture

LOQ = The lowest quantity this method can reliably detect. Any pesticide or mycotoxins that was not detected is assumed to be less than the stated LOQ (<LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

ppb = parts per billion

Pesticides/Mycotoxin Methodology: Liquid Chromatography with Tandem Mass Spectrometry using PerkinElme QSight® LX50 UHPLC and QSight 220 Mass Spectrometer

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

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