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Certificate of Analysis								
Company:	Company: Cloud 9 Canna Sample ID: Grape Jubilee							
		<b>Lot:</b> 9				Report Date: 12/22/2023		
		Matrix: Flower				Date Analyzed: 12/21/2023		
Customer ID: 221129-0		Date Sampled: N/A			Analyst: 011			
rower License #: SCLT0203		Date Received: 12/8/2023				Report ID: C231208BZ		
		(	Cannabinoid S	Summary				
Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)		15.5%		0.04%	
CBDVA	0.0005	<loq< td=""><td><loq< td=""><td>1</td><td>Total THC</td><td></td><td>Total CBD</td><td></td></loq<></td></loq<>	<loq< td=""><td>1</td><td>Total THC</td><td></td><td>Total CBD</td><td></td></loq<>	1	Total THC		Total CBD	
CBDV	0.0012	<loq< td=""><td><loq< td=""><td></td><td></td><td>Total THC Total CBD</td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td><td>Total THC Total CBD</td><td></td></loq<>			Total THC Total CBD		
CBDA	0.0008	0.45	0.04			-		
CBGA	0.0008	5.81	0.58			-		
CBG	0.0019	0.86	0.09		18.32%		0.47%	
CBD	0.0019	<loq< td=""><td><loq< td=""><td></td><td>10.5270</td><td></td><td colspan="2">0.47%</td></loq<></td></loq<>	<loq< td=""><td></td><td>10.5270</td><td></td><td colspan="2">0.47%</td></loq<>		10.5270		0.47%	
тнсv	0.0021	<loq< td=""><td><loq< td=""><td></td><td>Total</td><td colspan="2" rowspan="2">∆9-тнс</td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td>Total</td><td colspan="2" rowspan="2">∆9-тнс</td><td></td></loq<>		Total	∆9-тнс		
CBN	0.0013	<loq< td=""><td><loq< td=""><td></td><td>Cannabinoids</td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td>Cannabinoids</td><td></td></loq<>		Cannabinoids			
Δ9-ТНС	0.0020	4.75	0.47			-		
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	171.32	17.13		12 110/		1.0	
СВС	0.0024	<loq< td=""><td><loq< td=""><td>]</td><td>13.11%</td><td></td><td>1:0</td><td></td></loq<></td></loq<>	<loq< td=""><td>]</td><td>13.11%</td><td></td><td>1:0</td><td></td></loq<>	]	13.11%		1:0	
Total THC		155.00	15.50	1	Percent		THC : CBD	
Total CBD		0.39	0.04		Moisture		Ratio	
Total Cannabi	Total Cannabinoids		18.32					

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 Emerson Mason (Laboratory Director, Bia Diagnostics)

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C231208BZ

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Customer ID: 221129-0

Grower License #: SCLT0203

Company: Cloud 9 Canna

## **Certificate of Analysis**

Sample ID: Grape Jubilee Lot: 9 Matrix: Flower Date Sampled: N/A Date Received: 12/8/2023

Report Date: 12/22/2023 Date Analyzed: 12/18/2023 Analyst: 052 Report ID: C231208BZ

## Water Activity Summary

Test	Method	Result	
Water Activity	ASTM D8196: Determination of Water Activity in Cannabis Flower	0.5820	



Test Methodology: Aqualab TDL 2 water activity meter with tunable diode laser

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Luke E.M.

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