Certificate of Analysis											
Company: Pinnacle Valley Organics				Sample ID: Peach Sherbert							
574 VT Route 12S			2S	Lot: CLTV0077-0010			Report Date: 1/3/2023				
		Randolph, VT 05	5060	Matrix: Flower			Date Analyzed: 12/27/2022				
Customer ID: 221128-2				Date Sampled: N/A			Analyst: 011				
Grov	wer License #:	CLTV0077		Date Received: 12/13/2022			Report ID: C221213AR				
	Cannabinoid Summary										
	Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)	Γ	15.1%		0.05%			
c	BDVA	0.0005	<loq< th=""><th><loq< th=""><th></th><th>Total THC</th><th></th><th>Total CBD</th><th></th></loq<></th></loq<>	<loq< th=""><th></th><th>Total THC</th><th></th><th>Total CBD</th><th></th></loq<>		Total THC		Total CBD			
C	BDV	0.0012	<loq< th=""><th><loq< th=""><th></th><th>Total The</th><th></th><th></th><th></th></loq<></th></loq<>	<loq< th=""><th></th><th>Total The</th><th></th><th></th><th></th></loq<>		Total The					
C	BDA	0.0008	0.62	0.06					•		
c	BGA	0.0008	5.13	0.51			_		_		

CBDVA	0.0005	<loq< th=""><th colspan="2"><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>	
CBDV	0.0012	<loq< th=""><th colspan="2"><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>	
CBDA	0.0008	0.62	0.06	
CBGA	0.0008	5.13	0.51	
CBG	0.0019	0.56	0.06	
CBD	0.0019	<loq< th=""><th colspan="2"><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>	
THCV	0.0021	<loq< th=""><th colspan="2"><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>	
CBN	0.0013	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>	
Δ9-ТНС	0.0020	2.11	0.21	
Δ8-THC	0.0019	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>	
THC-A	0.0034	169.77	16.98	
СВС	0.0024	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>	
Total THC		151.00	15.10	
Total CBD		0.55	0.05	
Total Cannabir	noids	178.19	17.82	

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) + Δ 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).

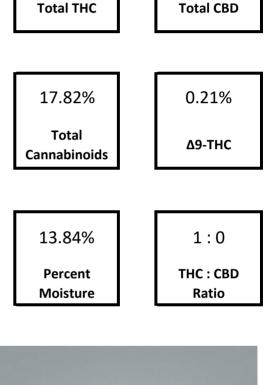
All results reflect dry weight of material, based on % moisture of the sample.

 $\label{eq:measurement} \begin{array}{ll} \mbox{Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement. \\ \mbox{$\Delta 9$-THC MU = $\pm 0.005\%$} Total THC MU = $\pm 0.007\%$}$

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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