Certificate of Analysis											
Company: Pinnacle Valley Organics				Sample ID: Strawberry Cream							
574 VT Route 12S			S	Lot: CLTV0077-05-0022			<b>Report Date:</b> 2/2/2023				
Randolph, VT 05060			5060	Matrix: Flower			Date Analyzed: 1/31/2023				
Customer ID: 221128-2				Date Sampled: N/A			Analyst: 050				
Grower License #: CLTV0077				Date Received: 1/24/2023			Report ID: C230124AJ				
Cannabinoid Summary											
	Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)		20.06%		0.08%			
	CBDVA	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			

CBDVA	0.0005	<loq< th=""><th colspan="2"><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>	
CBDV	0.0012	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>	
CBDA	0.0008	0.97	0.10	
CBGA	0.0008	7.66	0.77	
CBG	0.0019	1.01	0.10	
CBD	0.0019	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>	
тнсv	0.0021	<loq< th=""><th><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	6.77	0.68	
Δ8-THC	0.0019	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>	
THC-A	0.0034	221.04	22.10	
СВС	0.0024	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>	
Total THC		200.62	20.06	
Total CBD		0.85	0.08	
Total Cannabiı	noids	237.44	23.74	

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).

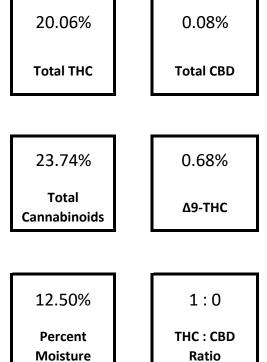
All results reflect dry weight of material, based on % moisture of the sample.

 $\label{eq:measurement} \begin{array}{ll} \mbox{Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement. \\ \mbox{$\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.

This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context. Results apply to the *Certified by:* samples as received.





Luke E.M.

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

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