

Company: Vermont Kind Cultivation       Sample ID: Royal Wedding:       Lot: SCLT0186-12-4       Report Date: 11/13/2023         Matrix: Flower       Date Analyzed: 11/10/2023       Canalyti: 054         Customer ID: 210614-01       Date Sampled: N/A       Analyt: 054         rower License #: SCLT0186       Date Received: 11/10/2023       Report ID: C231030AN         Cannabinoid         Profile       LOQ (mg/g)       Concentration (mg/g)       Weight (%)         CBDVA       0.0005 <loq< td=""> <loq< td="">         CBDV       0.0012       <loq< td=""> <loq< td="">         CBDA       0.0008       0.680       0.08         CBGA       0.00019       1.00       0.10         CBD       0.0019       <loq< td=""> <loq< td="">         CBD       0.0013       <loq< td=""> <loq< td="">         CBD       0.0013       <loq< td=""> <loq< td="">         CBN       0.0024       <loq< td=""> <loq< th=""><th></th><th></th><th>Ce</th><th>ertificate of</th><th>Analysis</th><th></th><th></th><th></th><th></th></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>			Ce	ertificate of	Analysis				
Cannabinoid Profile         LOQ (mg/g)         Concentration (mg/g)         Weight (%)           CBDVA         0.0005 <loq< td=""> <loq< td="">           CBDV         0.0012         <loq< td=""> <loq< td="">           CBDA         0.0008         0.80         0.08           CBGA         0.0008         16.91         1.69           CBG         0.0019         1.00         0.10           CBD         0.0019         <loq< td=""> <loq< td="">           THCV         0.0021         <loq< td=""> <loq< td="">           A9-THC         0.0013         <loq< td=""> <loq< td="">           THC-A         0.0024         <loq< td=""> <loq< td="">           Total THC         164.61         16.46         12.06%           ThC : CBD         0.70         0.07         Moisture</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>				Lot: SCLT0186-12-4 Matrix: Flower Date Sampled: N/A			Date Analyzed: 11/10/2023 Analyst: 054		
Profile         LOQ (mg/g)         (mg/g)         Weight (%)         16.46%         0.07%           CBDVA         0.0005 <loq< td=""> <loq< td="">         Total THC         Total CBD           CBDV         0.0012         <loq< td=""> <loq< td="">          Total THC         Total CBD           CBD         0.0019         1.00         0.10          20.63%         0.06%           CBD         0.0019         <loq< td=""> <loq< td="">          20.63%         0.06%           THCV         0.0013         <loq< td=""> <loq< td="">          Δ9-THC         Δ9-THC           A9-THC         0.0034         187.02         18.70         12.06%         1 : 0           THC-A         0.0024         <loq< td=""> <loq< td="">         1 : 0         THC : CBD           Total CBD         0.70         0.07         0.07         THC : CBD         THC : CBD</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>			(	Cannabinoid S	Summary				
CBDV       0.0012       <1.0Q		LOQ (mg/g)		Weight (%)	[	16.46%		0.07%	
CBDV       0.0012 <loq< th=""> <loq< th="">         CBDA       0.0008       0.80       0.08         CBGA       0.0008       16.91       1.69         CBG       0.0019       1.00       0.10         CBD       0.0019       <loq< td=""> <loq< td="">         THCV       0.0021       <loq< td=""> <loq< td="">         CBN       0.0013       <loq< td=""> <loq< td="">         Δ9-THC       0.0020       0.59       0.06         Δ8-THC       0.0034       187.02       18.70         CBC       0.0024       <loq< td=""> <loq< td="">         Total THC       164.61       16.46         Total CBD       0.70       0.07</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	CBDVA	0.0005	<loq< td=""><td><loq< td=""><td></td><td>Total THC</td><td></td><td>Total CBD</td><td>I</td></loq<></td></loq<>	<loq< td=""><td></td><td>Total THC</td><td></td><td>Total CBD</td><td>I</td></loq<>		Total THC		Total CBD	I
CBGA         0.0008         16.91         1.69           CBG         0.0019         1.00         0.10           CBD         0.0019 <td< th=""><th>CBDV</th><th>0.0012</th><th><loq< th=""><th><loq< th=""><th></th><th>Total The</th><th></th><th>Total CDD</th><th>l</th></loq<></th></loq<></th></td<>	CBDV	0.0012	<loq< th=""><th><loq< th=""><th></th><th>Total The</th><th></th><th>Total CDD</th><th>l</th></loq<></th></loq<>	<loq< th=""><th></th><th>Total The</th><th></th><th>Total CDD</th><th>l</th></loq<>		Total The		Total CDD	l
CBG         0.0019         1.00         0.10           CBD         0.0019 <loq< th=""> <loq< th="">         COQ           THCV         0.0021         <loq< th=""> <loq< th="">         Total         Dom         Dom           CBN         0.0013         <loq< th=""> <loq< th=""> <loq< th="">         COQ         Total         Dom         Dom<th>CBDA</th><th>0.0008</th><th>0.80</th><th>0.08</th><th></th><th></th><th>-</th><th></th><th></th></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	CBDA	0.0008	0.80	0.08			-		
CBD       0.0019 <loq< td=""> <loq< td="">       20.63%       0.06%         THCV       0.0021       <loq< td=""> <loq< td="">       Total       Δ9-THC         CBN       0.0013       <loq< td=""> <loq< td="">       Connabinoids       Δ9-THC         Δ9-THC       0.0020       0.59       0.06       Δ9-THC       Δ9-THC         Δ8-THC       0.0034       187.02       18.70       12.06%       1 : 0         THC-A       0.0024       <loq< td=""> <loq< td="">       12.06%       1 : 0         Total THC       164.61       16.46       Percent       THC : CBD         Total CBD       0.70       0.07       Moisture       THC : CBD</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	CBGA	0.0008	16.91	1.69			_		
CBD         0.0019 <loq< th=""> <loq< th="">           THCV         0.0021         <loq< th=""> <loq< th="">         Total         Δ9-THC           CBN         0.0013         <loq< th=""> <loq< th="">         COQ         Δ9-THC         Δ9-THC         Δ9-THC         Δ9-THC         Δ9-THC           Δ8-THC         0.0019         <loq< th=""> <loq< th="">           Δ9-THC         Δ9-THC           Δ8-THC         0.0019         <loq< th=""> <loq< th="">           Δ9-THC         Δ9-THC           Δ9-THC         0.0020         0.59         0.06           Δ9-THC         Δ9-THC           Δ9-THC         0.0019         <loq< th=""> <loq< th="">           Δ9-THC         Δ9-THC           Δ9-THC         0.0034         187.02         18.70         12.06%         1 : 0         1 : 0         1 : 0         THC : CBD         Percent         THC : CBD         Ratio         Ratio         Ratio         Ratio</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	CBG	0.0019	1.00	0.10		20 620/		0.06%	l
CBN     0.0013 <loq< th=""> <loq< th="">       Δ9-THC     0.0020     0.59     0.06       Δ8-THC     0.0019     <loq< td=""> <loq< td="">       THC-A     0.0034     187.02     18.70       CBC     0.0024     <loq< td=""> <loq< td="">       Total THC     164.61     16.46       Total CBD     0.70     0.07</loq<></loq<></loq<></loq<></loq<></loq<>	CBD	0.0019	<loq< th=""><th><loq< th=""><th></th><th>20.05%</th><th colspan="2">0.00%</th><th>I</th></loq<></th></loq<>	<loq< th=""><th></th><th>20.05%</th><th colspan="2">0.00%</th><th>I</th></loq<>		20.05%	0.00%		I
CBN       0.0013 <loq< th=""> <loq< th="">         Δ9-THC       0.0020       0.59       0.06         Δ8-THC       0.0019       <loq< td=""> <loq< td="">         THC-A       0.0034       187.02       18.70         CBC       0.0024       <loq< td=""> <loq< td="">         Total THC       164.61       16.46         Total CBD       0.70       0.07</loq<></loq<></loq<></loq<></loq<></loq<>	тнсv	0.0021	<loq< th=""><th><loq< th=""><th></th><th>Total</th><th></th><th></th><th>I</th></loq<></th></loq<>	<loq< th=""><th></th><th>Total</th><th></th><th></th><th>I</th></loq<>		Total			I
Δ8-THC         0.0019 <loq< th=""> <loq< th="">           THC-A         0.0034         187.02         18.70           CBC         0.0024         <loq< th=""> <loq< th="">           Total THC         164.61         16.46           Total CBD         0.70         0.07</loq<></loq<></loq<></loq<>	CBN	0.0013	<loq< th=""><th><loq< th=""><th>C</th><th>Cannabinoids</th><th></th><th>29-THC</th><th></th></loq<></th></loq<>	<loq< th=""><th>C</th><th>Cannabinoids</th><th></th><th>29-THC</th><th></th></loq<>	C	Cannabinoids		29-THC	
THC-A         0.0034         187.02         18.70           CBC         0.0024 <loq< th=""> <loq< th="">         12.06%         1 : 0           Total THC         164.61         16.46         Percent         THC : CBD           Total CBD         0.70         0.07         Moisture         Ratio</loq<></loq<>	Δ9-ТНС	0.0020	0.59	0.06			-		
CBC         0.0024 <loq< th=""> <loq< th="">         12.06%         1:0           Total THC         164.61         16.46         Percent         THC : CBD           Total CBD         0.70         0.07         Moisture         Ratio</loq<></loq<>	<b>Δ8-THC</b>	0.0019	<loq< th=""><th><loq< th=""><th></th><th></th><th>_</th><th></th><th></th></loq<></th></loq<>	<loq< th=""><th></th><th></th><th>_</th><th></th><th></th></loq<>			_		
CBC0.0024 <loq< th=""><loq< th="">Total THC164.6116.46PercentTHC : CBDTotal CBD0.700.07MoistureRatio</loq<></loq<>	THC-A	0.0034	187.02	18.70		12.000/		1.0	1
Total CBD0.700.07MoistureRatio	СВС	0.0024	<loq< th=""><th><loq< th=""><th></th><th>12.06%</th><th></th><th>T : O</th><th>I</th></loq<></th></loq<>	<loq< th=""><th></th><th>12.06%</th><th></th><th>T : O</th><th>I</th></loq<>		12.06%		T : O	I
	Total THC		164.61	16.46		Percent		THC : CBD	1
Total Cannabinoids 206.32 20.63	Total CBD	Total CBD		0.07		Moisture		Ratio	I
	Total Cannabir	noids	206.32	20.63					

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.

 $\label{eq:measurement} \begin{array}{ll} \mbox{Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement. \\ \mbox{$\Delta9$-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 E.M.

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

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



Customer ID: 210614-01

Grower License #: SCLT0186

## **Certificate of Analysis**

Company: Vermont Kind Cultivation

Sample ID: Royal Wedding Lot: SCLT0186-12-4 Matrix: Flower Date Sampled: N/A Date Received: 11/10/2023

Report Date: 11/13/2023 Date Analyzed: 11/8/2023 Analyst: 049 Report ID: C231030AN

## Water Activity Summary

Test	Method	Result	
Water Activity	ASTM D8196: Determination of Water Activity in Cannabis Flower	0.4666	



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

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Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

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Certified by: