



SPECTRUM
CBD BOTANICALS

Company:	Belefer
Sample Type:	Flower
ITEM NAME:	Royal OG
LAB ID:	230817_BLF_RO_10X
RECEIVED:	8/17/2023
ANALYZED:	8/18/2023
Sample Weight:	23.90 mg

Cannabinoid Potency

Analyte	LOQ (%)	Amount (%)	Amount (mg/g)	THC Ratios (Cannabinoid:THC)		Total Cannabinoids After Decarboxylation	
				Analyte	Total	Analyte	Total
THCA	0.054	0.628	6.28	CBD	26.38	THC	0.61%
Δ9-THC	0.054	0.057	0.57	CBDV	0.12	CBD	16.03%
Δ8-THC	0.054	ND	ND	CBN	ND	CBDV	0.07%
CBDA	0.021	17.663	176.63	CBG	0.88	CBG	0.53%
CBD	0.054	0.544	5.44	CBC	1.46	CBC	0.89%
CBDVA	0.054	0.083	0.83	CBL	ND	THCV	0.00%
CBDV	0.021	<LOQ	<LOQ	THCV	0.00		
CBN	0.021	ND	ND				
CBGA	0.054	0.508	5.08				
CBG	0.054	0.087	0.87				
CBCA	0.009	0.941	9.41				
CBC	0.021	0.062	0.62				
CBL	0.054	ND	ND				
THCV	0.134	ND	ND				
THCVA	0.054	ND	ND				
Total	N/A	20.57	205.73				

$THC\% = THC\% + 0.877 * THCA\%$
 $CBD\% = CBD\% + 0.877 * CBDA\%$
 $CBG\% = CBG\% + 0.878 * CBGA\%$
 $CBC\% = CBC\% + 0.877 * CBCA\%$
 $CBDV\% = CBDV\% + 0.867 * CBDVA\%$
 $THCV\% = THCV\% + 0.867 * THCVA\%$

Multiplication Factor = $\frac{Decarbed\ Cannabinoid\ (MW)}{Acidic\ Cannabinoid\ (MW)}$
 (MW) = Molecular Weight

Laboratory Comments


N/A

Sample Picture



These results relate solely to the sample tested. Sample analyzed by an Agilent 1100 HPLC-DAD (G1315B). Results are based on the average of four HPLC tests. Spectrum CBD Botanicals warrants that all work performed conforms to the industry standards in effect for cannabis when services are rendered. Spectrum CBD Botanicals disclaims any implied warranties, except where such a disclaimer is prohibited by law.

Final Approval


Results Approved By:
Joseph Battles
Lab Director