

Rum Cream Virgin Extract

 Sample ID: BIA250807S0001
 Strain: Rum Cream

 Produced:
 Collected:
 Received: 08/08/2025
 Completed: 08/14/2025
 Batch#:

 Client
Northeast Kingdom Hemp
 Lic. #
 Barton, VT 05822

 Matrix: Concentrates & Extracts
 Type: Full Spectrum Oil
 Sample Size: 1 units
 Lot#:


Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	08/11/2025	Complete

Cannabinoids

Completed

67.57%				ND				70.16%			
Total THC				Total CBD				Total Cannabinoids			
Analyte	LOQ	Results	Results	Mass	Mass	Analyte	LOQ	Results	Results	Mass	Mass
	%	%	mg/g	mg/mL	mg/container		%	%	mg/g	mg/mL	mg/container
CBDVa	0.0000	<LOQ	<LOQ			CBCVa	0.0000	<LOQ	<LOQ		
CBDV	0.0000	<LOQ	<LOQ			CBNa	0.0000	<LOQ	<LOQ		
CBDa	0.0001	<LOQ	<LOQ			Δ9-THC	0.0001	63.05	630.5		
CBGa	0.0001	0.40	4.0			Δ8-THC	0.0000	<LOQ	<LOQ		
CBG	0.0001	0.72	7.2			Δ10-THC*	0.0000	<LOQ	<LOQ		
CBD	0.0001	<LOQ	<LOQ			CBL	0.0001	<LOQ	<LOQ		
THCV	0.0000	0.26	2.6			CBC	0.0000	0.58	5.8		
CBLV	0.0000	<LOQ	<LOQ			THCa	0.0001	5.16	51.6		
CBCV	0.0000	<LOQ	<LOQ			CBCa	0.0001	<LOQ	<LOQ		
THCVa	0.0000	<LOQ	<LOQ			CBLa	0.0001	<LOQ	<LOQ		
CBN	0.0001	<LOQ	<LOQ			Total THC		67.57	675.71		
						Total CBD		ND	ND	ND	ND
						Total		70.16	701.61	0.00	0.00

Analyst: 052

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:

$$\text{Total THC} = (\text{THCA} \times 0.877) + \Delta 9\text{-THC}$$

$$\text{Total CBD} = (\text{CBDA} \times 0.877) + \text{CBD Reagent}$$

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. Δ9-THC MU = ±0.005% Total THC MU = ±0.007%

All other cannabinoid MU values are available upon request.

All moisture and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.

*The result is the sum of delta-10 isomers.




 Luke Emerson-Mason
 Laboratory Director
 08/14/2025

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