

Ice Queen

Sample ID: BIA250528S0023
 Strain: Harvest Lot SCLT0291-00012

Matrix: Plant
 Type: Flower - Cured
 Sample Size: 2 g
 Lot#:

Produced:
 Collected:
 Received: 05/29/2025
 Completed: 06/02/2025
 Batch#:

Client
The Farm at Bolton Dome LLC
 Lic. # SCLT0291
 122 Champ Lane
 Bolton, VT 05676



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	05/29/2025	Complete
Moisture	05/29/2025	8.60% - Complete
Water Activity	05/29/2025	0.392 aw - Complete

Cannabinoids

Completed

21.59% Total THC					ND Total CBD					26.52% Total Cannabinoids				
Analyte	LOQ	Results	Results	Mass	Analyte	LOQ	Results	Results	Mass	Analyte	LOQ	Results	Results	Mass
	mg/g	%	mg/g	mg/serving		mg/g	%	mg/g	mg/serving		mg/g	%	mg/g	mg/serving
CBDVa	0.0003	<LOQ	<LOQ		CBCVa	0.0003	<LOQ	<LOQ						
CBDV	0.0003	<LOQ	<LOQ		CBNa	0.0003	0.05	0.5						
CBDa	0.0005	<LOQ	<LOQ		Δ9-THC	0.0005	0.46	4.6						
CBGa	0.0005	1.18	11.8		Δ8-THC	0.0003	<LOQ	<LOQ						
CBG	0.0005	0.15	1.5		Δ10-THC*	0.0002	<LOQ	<LOQ						
CBD	0.0005	<LOQ	<LOQ		CBL	0.0005	<LOQ	<LOQ						
THCV	0.0003	<LOQ	<LOQ		CBC	0.0003	<LOQ	<LOQ						
CBLV	0.0003	<LOQ	<LOQ		THCa	0.0005	24.10	241.0						
CBCV	0.0003	<LOQ	<LOQ		CBCa	0.0006	0.46	4.6						
THCVa	0.0003	0.13	1.3		CBLa	0.0005	<LOQ	<LOQ						
CBN	0.0005	<LOQ	<LOQ		Total THC		21.59	215.93						
					Total CBD		ND	ND	ND					
					Total		26.52	265.19	0.00					

Analyst:
 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. $\Delta 9\text{-THC MU} = \pm 0.005\%$ Total THC MU = $\pm 0.007\%$
 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
 Luke Emerson-Mason
 Laboratory Director
 06/02/2025

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