

MANU0027-IP0007

Sample ID: BIA260226S0530
Strain: Culture Shock Hot Rod
Harvest Lot:
Matrix: Plant
Type: Enhanced/Infused Preroll
Sample Size: 0.901 g
Lot#:

Produced:
Collected:
Received: 02/26/2026
Completed: 03/12/2026
Batch#:

Client:
Northeast Kingdom Hemp
Lic. #
 Barton, VT 05822



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	03/02/2026	Complete
Moisture	02/26/2026	6.90% - Complete
Water Activity	02/26/2026	0.242 aw - Complete

Cannabinoids

Completed

55.97% Total THC	0.11% Total CBD	62.02% Total Cannabinoids
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Analyte	LOQ	Mass	Mass	Analyte	LOQ	Mass	Mass
	mg/g	%	mg/g		mg/g	%	mg/g
CBDVa	0.0003	<LOQ	<LOQ	CBCVa	0.0003	<LOQ	<LOQ
CBDV	0.0003	<LOQ	<LOQ	CBNa	0.0003	0.07	0.7
CBDa	0.0005	0.12	1.2	Δ9-THC	0.0005	36.57	365.7
CBGa	0.0005	0.92	9.2	Δ8-THC	0.0003	<LOQ	<LOQ
CBG	0.0005	0.84	8.4	Δ10-THC*	0.0002	<LOQ	<LOQ
CBD	0.0005	<LOQ	<LOQ	CBL	0.0005	<LOQ	<LOQ
THCV	0.0003	<LOQ	<LOQ	CBC	0.0003	0.56	5.6
CBLV	0.0003	<LOQ	<LOQ	THCa	0.0005	22.11	221.1
CBCV	0.0003	<LOQ	<LOQ	CBCa	0.0006	0.52	5.2
THCVa	0.0003	0.20	2.0	CBLa	0.0005	<LOQ	<LOQ
CBN	0.0005	0.09	0.9	Total THC		55.97	559.68
				Total CBD		0.11	1.09
				Total		62.02	620.17

Analyst: 048

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
 03/12/2026

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