

## Sour Chem Dud

**Sample ID:** BIA260223S0440  
**Strain:** HL-15  
**Harvest Lot:**  
**Matrix:** Plant  
**Type:** Flower - Cured  
**Sample Size:** 5 g  
**Lot#:**

**Produced:**  
**Collected:**  
**Received:** 02/23/2026  
**Completed:** 03/06/2026  
**Batch#:**

**Client:**  
**Green Castle**  
**Lic. #**  
**853 RT 15W**  
**Johnson, VT 05656**



### Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	02/25/2026	Complete
Moisture	02/23/2026	8.90% - Complete
Water Activity	02/23/2026	0.418 aw - Complete

### Cannabinoids

Completed

29.20%			0.11%			35.62%				
Total THC			Total CBD			Total Cannabinoids				
Analyte	LOQ	Results	Results	Mass	Analyte	LOQ	Results	Results	Mass	
	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	0.09	0.9		
CBDa	0.0005	0.13	1.3		Δ9-THC	0.0005	1.61	16.1		
CBGa	0.0005	1.23	12.3		Δ8-THC	0.0003	<LOQ	<LOQ		
CBG	0.0005	<LOQ	<LOQ		Δ10-THC*	0.0002	0.56	5.6		
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	31.46	314.6		
CBCV	0.0003	<LOQ	<LOQ		CBCa	0.0006	0.28	2.8		
THCVa	0.0003	0.26	2.6		CBLa	0.0005	<LOQ	<LOQ		
CBN	0.0005	<LOQ	<LOQ		<b>Total THC</b>		<b>29.20</b>	<b>291.97</b>		
					<b>Total CBD</b>		<b>0.11</b>	<b>1.12</b>		
					<b>Total</b>		<b>35.62</b>	<b>356.18</b>		<b>0.00</b>

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: &lt; 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 (&lt;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.




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 03/06/2026

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