



# Green Leaf Lab®

12025 NE Marx St. Portland, OR 97220  
503-253-3511 / [www.greenleaflabs.com](http://www.greenleaflabs.com)  
License#: 10029074C70

## Quality Control Testing Official Report

### D8 Lifter

Sample ID: G1H0228-01

Matrix: Industrial Hemp

Test ID: 5014300

Source ID:

Date Sampled: 08/12/21

Date Accepted: 08/12/21

*Fern Valley Farms*

### Results at a Glance

Total THC : 0.3212 %

Total CBD : 12.20 %

Total CBG : 0.2548 %

delta 8-THC : 13.65 % PASS



Eric Wendt  
Chief Science Officer - 8/17/2021

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Sample ID: G1H0228-01

Matrix: Industrial Hemp

Test ID: 5014300

Source ID:

Date Sampled: 08/12/21

Date Accepted: 08/12/21

*Fern Valley Farms*

### Potency Analysis

Date/Time Extracted: 08/15/21 10:57

Analysis Method/SOP: 215

Batch Identification: 2134006

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile																		
Total THC	0.009080	0.3212	3.212	<table><tr><td>THCA</td><td>0.4</td></tr><tr><td>delta 8-THC</td><td>13.7</td></tr><tr><td>CBGA</td><td>0.3</td></tr><tr><td>CBDA</td><td>12.6</td></tr><tr><td>CBD</td><td>1.2</td></tr><tr><td>CBN</td><td>0.0</td></tr><tr><td>CBG</td><td>0.0</td></tr><tr><td>CBDVA</td><td>0.1</td></tr><tr><td>Total:</td><td>28.2</td></tr></table>	THCA	0.4	delta 8-THC	13.7	CBGA	0.3	CBDA	12.6	CBD	1.2	CBN	0.0	CBG	0.0	CBDVA	0.1	Total:	28.2
THCA	0.4																					
delta 8-THC	13.7																					
CBGA	0.3																					
CBDA	12.6																					
CBD	1.2																					
CBN	0.0																					
CBG	0.0																					
CBDVA	0.1																					
Total:	28.2																					
Total CBD	0.008300	12.20	122																			
Total CBG	7.900E-4	0.2548	2.548																			
THCA	0.002920	0.3662	3.662																			
delta 9-THC	0.009080	< LOQ	< LOQ																			
delta 8-THC	0.01796	13.65	136.5																			
THCV	0.005055	< LOQ	< LOQ																			
THCVA	0.001885	< LOQ	< LOQ																			
CBD	0.006220	1.156	11.56																			
CBDA	0.008300	12.59	125.9																			
CBDV	0.005000	< LOQ	< LOQ																			
CBDVA	0.001640	0.09110	0.911																			
CBN	0.002990	0.02480	0.248																			
CBG	7.900E-4	0.01798	0.1798																			
CBGA	7.900E-4	0.2697	2.697																			
CBC	0.008965	< LOQ	< LOQ																			

Total THC = delta 9-THC + (THCA \* 0.877)

Total CBD = CBD + (CBDA \* 0.877)

Total CBG = CBG + (CBGA \* 0.878)

LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.



**ISO 17025**  
**ACCREDITED**  
**LABORATORY**

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 Chief Science Officer - 8/17/2021

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## Quality Control Testing Official Report

### Quality Control Potency

**Batch: 2134006 - 215-Hemp**

#### Blank(2134006-BLK1)

Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.001460	%		08/15/21 10:57	08/15/21 17:20	
delta 9-THC	< LOQ	0.004540	%		08/15/21 10:57	08/15/21 17:20	
delta 8-THC	< LOQ	0.002245	%		08/15/21 10:57	08/15/21 17:20	
THCV	< LOQ	0.002528	%		08/15/21 10:57	08/15/21 17:20	
THCVA	< LOQ	9.425E-4	%		08/15/21 10:57	08/15/21 17:20	
CBD	< LOQ	7.775E-4	%		08/15/21 10:57	08/15/21 17:20	
CBDA	< LOQ	0.001038	%		08/15/21 10:57	08/15/21 17:20	
CBDV	< LOQ	0.002500	%		08/15/21 10:57	08/15/21 17:20	
CBDVA	< LOQ	8.200E-4	%		08/15/21 10:57	08/15/21 17:20	
CBN	< LOQ	0.001495	%		08/15/21 10:57	08/15/21 17:20	
CBG	< LOQ	3.950E-4	%		08/15/21 10:57	08/15/21 17:20	
CBGA	< LOQ	3.950E-4	%		08/15/21 10:57	08/15/21 17:20	
CBC	< LOQ	0.004482	%		08/15/21 10:57	08/15/21 17:20	

#### Reference(2134006-SRM1)

Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	101	0.002920	%	80-120	08/15/21 10:57	08/15/21 17:42	
delta 9-THC	97.7	0.009080	%	80-120	08/15/21 10:57	08/15/21 17:42	
CBD	103	0.001555	%	80-120	08/15/21 10:57	08/15/21 17:42	
CBDA	105	0.002075	%	80-120	08/15/21 10:57	08/15/21 17:42	



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### Notes and Definitions

ATM	Non-cannabis matrix related interference or suppression of Internal standard
BLI	Baseline Interference - Cannabinoid peak interference in chromatographic baseline affecting QC recovery .
BLK	Analyte detected in method blank, but not associated samples.
BSH	Blank Spike High - Blank Spike recovery above method limit. no detections in samples.
BSL	Blank Spike Low - Blank Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
C	Interference due to co-elution
CBD	CBD matrix interference on GC Pest chromatography
CV1	CCV was above acceptance criteria, Non-detect samples are considered acceptable.
CV2	CCV was below acceptance criteria, sample still exceeds regulatory limit.
INF	One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.
ISH	Internal Standard concentration is above acceptance criteria.
ISL	Internal Standard concentration is below acceptance criteria.
MSH	Matrix Spike High - Matrix Spike recovery above method limits.
MSI	Matrix Spike Interference - Matrix spike source sample contains analyte hit above calibration affecting recovery accuracy in Matrix Spike.
MSL	Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
TPP	Internal Standard concentration outside control limit due to matrix interference
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