



### Lightning Auto

Sample ID: G0C0119-04

Matrix: Industrial Hemp

Test ID: 5001534

Source ID:

Date Sampled: 03/09/20

Date Accepted: 03/09/20

*Sovereign Fields, LLC*

### Results at a Glance

Total THC : 0.2207 %

Total CBD : 6.653 %



*Russell Kuhfeld*

Russell Kuhfeld  
Quality Officer - 3/12/2020

All QC samples met acceptance criteria of the method; data available upon request. These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.

Lab results apply to the sample as received, samples were not collected per OAR 333-007 requirements



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**Sovereign Fields, LLC**

### Potency Analysis

Date/Time Extracted: 03/10/20 11:05

Analysis Method/SOP: 215

Batch Identification: 2011025

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.009080	0.2207	2.207	
Total CBD	0.008300	6.653	66.53	
THCA	0.002920	0.2164	2.164	
delta 9-THC	0.009080	0.03091	0.3091	
THCV	0.005055	< LOQ	< LOQ	
THCVA	0.001885	< LOQ	< LOQ	
CBD	0.006220	0.5288	5.288	
CBDA	0.008300	6.983	69.83	
CBDV	0.005000	< LOQ	< LOQ	
CBDVA	0.001640	0.01810	0.181	
CBN	0.002990	< LOQ	< LOQ	
CBG	7.900E-4	0.001804	0.01804	
CBGA	7.900E-4	0.1808	1.808	
CBC	0.008965	0.05997	0.5997	

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

Total CBD = CBD + (CBDA \* 0.877)

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



**ISO 17025  
ACCREDITED  
LABORATORY**

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### Quality Control Potency

Batch: 2011025 - 215-Hemp

Blank(2011025-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.002920	%		03/10/20 11:05	03/10/20 17:28
delta 9-THC	< LOQ	0.009080	%		03/10/20 11:05	03/10/20 17:28
THCV	< LOQ	0.005055	%		03/10/20 11:05	03/10/20 17:28
THCVA	< LOQ	0.001885	%		03/10/20 11:05	03/10/20 17:28
CBD	< LOQ	0.001555	%		03/10/20 11:05	03/10/20 17:28
CBDA	< LOQ	0.002075	%		03/10/20 11:05	03/10/20 17:28
CBDV	< LOQ	0.005000	%		03/10/20 11:05	03/10/20 17:28
CBDVA	< LOQ	0.001640	%		03/10/20 11:05	03/10/20 17:28
CBN	< LOQ	0.002990	%		03/10/20 11:05	03/10/20 17:28
CBG	< LOQ	7.900E-4	%		03/10/20 11:05	03/10/20 17:28
CBGA	< LOQ	7.900E-4	%		03/10/20 11:05	03/10/20 17:28
CBC	< LOQ	0.008965	%		03/10/20 11:05	03/10/20 17:28

Reference(2011025-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	87.9	0.002920	%	80-120	03/10/20 11:05	03/10/20 17:51
delta 9-THC	88.9	0.009080	%	80-120	03/10/20 11:05	03/10/20 17:51
CBD	94.4	0.001555	%	80-120	03/10/20 11:05	03/10/20 17:51
CBDA	91.1	0.002075	%	80-120	03/10/20 11:05	03/10/20 17:51



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