



### Sour Suver

Sample ID: G1A0112-02

Matrix: Industrial Hemp

Test ID: 5013807

Source ID:

Date Sampled: 01/07/21

Date Accepted: 01/07/21

*Great Harvest Logistics*

### Results at a Glance

Total THC : 0.6006 %

Total CBD : 12.65 %

Total CBG : 0.3913 %

Total Terpenes : 1.772 % PASS



*Russell Kuhfeld*

Russell Kuhfeld  
Quality Officer - 1/11/2021

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.

This is for informational testing and is not compliance testing. Lab results apply to the sample as received.



### Sour Suver

Sample ID: G1A0112-02

Matrix: Industrial Hemp

Test ID: 5013807

Source ID:

Date Sampled: 01/07/21

Date Accepted: 01/07/21

Great Harvest Logistics

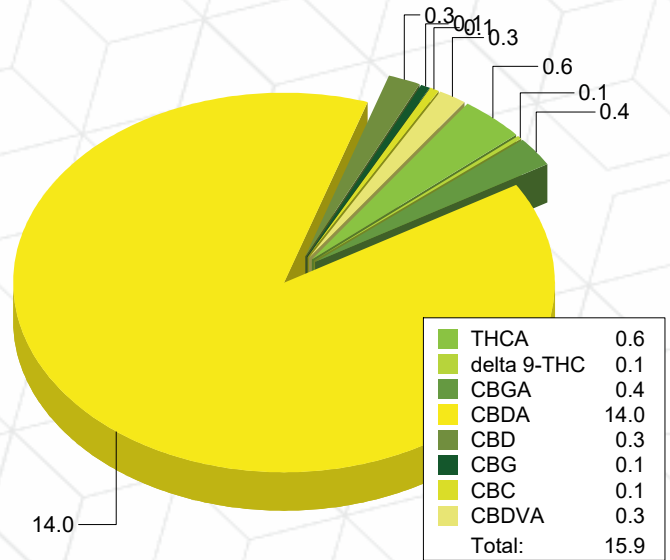
### Potency Analysis

Date/Time Extracted: 01/09/21 08:44

Analysis Method/SOP: 215

Batch Identification: 2102059

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.009080	0.6006	6.006	
Total CBD	0.008300	12.65	126.5	
Total CBG	7.900E-4	0.3913	3.913	
THCA	0.002920	0.6140	6.14	
delta 9-THC	0.009080	0.06207	0.6207	
THCV	0.005055	< LOQ	< LOQ	
THCVA	0.001885	< LOQ	< LOQ	
CBD	0.006220	0.3471	3.471	
CBDA	0.008300	14.03	140.3	
CBDV	0.005000	< LOQ	< LOQ	
CBDVA	0.001640	0.2639	2.639	
CBN	0.002990	< LOQ	< LOQ	
CBG	7.900E-4	0.05571	0.5571	
CBGA	7.900E-4	0.3822	3.822	
CBC	0.008965	0.1034	1.034	



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

*Russell Kuhfeld*

Russell Kuhfeld  
Quality Officer - 1/11/2021

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.

This is for informational testing and is not compliance testing. Lab results apply to the sample as received.



### Sour Suver

Sample ID: G1A0112-02

Matrix: Industrial Hemp

Test ID: 5013807

Source ID:

Date Sampled: 01/07/21

Date Accepted: 01/07/21

Great Harvest Logistics

### Terpene Analysis

Date/Time Extracted: 01/09/21 08:44

Analysis Method/SOP: 204

Monoterpenes	%	mg/g	Monoterpenes	%	mg/g
Camphene	< LOQ	< LOQ	Camphor	< LOQ	< LOQ
3-Carene	< LOQ	< LOQ	alpha-Cedrene	< LOQ	< LOQ
Cedrol	< LOQ	< LOQ	Endo-fenchyl alcohol	0.01083	0.1083
Eucalyptol	< LOQ	< LOQ	Fenchone	< LOQ	< LOQ
Geraniol	< LOQ	< LOQ	Geranyl acetate	< LOQ	< LOQ
Hexahydrothymol	< LOQ	< LOQ	Isoborneol	< LOQ	< LOQ
Isopulegol	< LOQ	< LOQ	Limonene	0.05864	0.5864
Linalool	0.03918	0.3918	p-Mentha-1,5-diene	< LOQ	< LOQ
beta-Myrcene	0.5019	5.019	alpha-Pinene	0.01719	0.1719
beta-Pinene	0.01398	0.1398	Pulegone	< LOQ	< LOQ
Sabinene	0.02552	0.2552	Sabinene hydrate	< LOQ	< LOQ
gamma-Terpinene	< LOQ	< LOQ	alpha-Terpinene	< LOQ	< LOQ
Terpineol	0.02157	0.2157	Terpinolene	0.2916	2.916
B Y-Terpineol	< LOQ	< LOQ	Nerol	< LOQ	< LOQ
A-Terpineol	0.03424	0.3424	Borneol	< LOQ	< LOQ
Ocimene isomer II	0.09808	0.9808	Ocimene isomer I	< LOQ	< LOQ
Sesquiterpenes	%	mg/g	Sesquiterpenes	%	mg/g
alpha-Bisabolol	0.07192	0.7192	beta-Caryophyllene	0.2990	2.99
Caryophyllene Oxide	0.01040	0.104	Guaiol	0.06994	0.6994
alpha-Humulene	0.08833	0.8833	trans-Nerolidol	< LOQ	< LOQ
Valencene	0.1412	1.412	cis-Nerolidol	< LOQ	< LOQ
<b>Total Terpenes</b>	<b>1.772</b>	<b>17.72</b>			

<LOQ - Results below the Limit of Quantitation - Terpenes profile/analysis are not accredited to ORELAP TNI 2009 Quality Standards.



*Russell Kuhfeld*

Russell Kuhfeld  
Quality Officer - 1/11/2021

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.

This is for informational testing and is not compliance testing. Lab results apply to the sample as received.



### Sour Suver

Sample ID: G1A0112-02

Matrix: Industrial Hemp

Test ID: 5013807

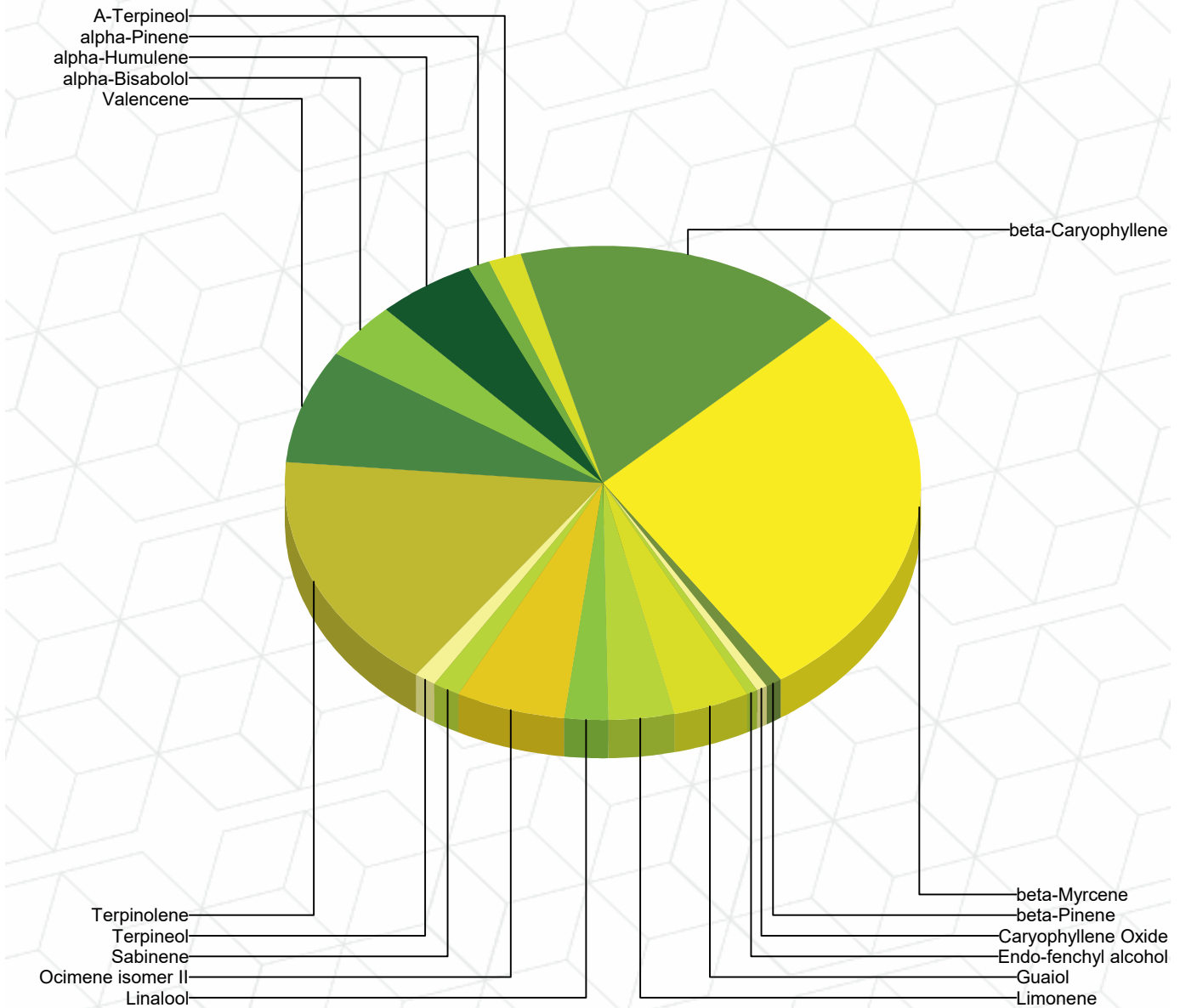
Source ID:

Date Sampled: 01/07/21

Date Accepted: 01/07/21

Great Harvest Logistics

### Terpene Profile



Percentage of Total Terpenes Identified



*Russell Kuhfeld*

Russell Kuhfeld  
Quality Officer - 1/11/2021

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.

This is for informational testing and is not compliance testing. Lab results apply to the sample as received.



### Quality Control Potency

Batch: 2102059 - 215-Hemp

Blank(2102059-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.01168	%		01/09/21 08:44	01/09/21 17:58
delta 9-THC	< LOQ	0.03632	%		01/09/21 08:44	01/09/21 17:58
THCV	< LOQ	0.02022	%		01/09/21 08:44	01/09/21 17:58
THCVA	< LOQ	0.007540	%		01/09/21 08:44	01/09/21 17:58
CBD	< LOQ	0.006220	%		01/09/21 08:44	01/09/21 17:58
CBDA	< LOQ	0.008300	%		01/09/21 08:44	01/09/21 17:58
CBDV	< LOQ	0.02000	%		01/09/21 08:44	01/09/21 17:58
CBDVA	< LOQ	0.006560	%		01/09/21 08:44	01/09/21 17:58
CBN	< LOQ	0.01196	%		01/09/21 08:44	01/09/21 17:58
CBG	< LOQ	0.003160	%		01/09/21 08:44	01/09/21 17:58
CBGA	< LOQ	0.003160	%		01/09/21 08:44	01/09/21 17:58
CBC	< LOQ	0.03586	%		01/09/21 08:44	01/09/21 17:58

Reference(2102059-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	93.5	0.002920	%	80-120	01/09/21 08:44	01/09/21 18:21
delta 9-THC	97.1	0.009080	%	80-120	01/09/21 08:44	01/09/21 18:21
CBD	97.8	0.001555	%	80-120	01/09/21 08:44	01/09/21 18:21
CBDA	95.2	0.002075	%	80-120	01/09/21 08:44	01/09/21 18:21

### Terpene Analysis

Batch: 2102059 - 215-Hemp

Blank(2102059-BLK2)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
alpha-Bisabolol	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
Camphene	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
Camphor	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
3-Carene	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
beta-Caryophyllene	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
Caryophyllene Oxide	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
alpha-Cedrene	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
Cedrol	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
Endo-fenchyl alcohol	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
Eucalyptol	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
Fenchone	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
Geraniol	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
Geranyl acetate	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
Guaiol	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
Hexahydrothymol	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07



*Russell Kuhfeld*

Russell Kuhfeld  
Quality Officer - 1/11/2021

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.

This is for informational testing and is not compliance testing. Lab results apply to the sample as received.



### Quality Control Terpene Analysis (Continued)

Batch: 2102059 - 215-Hemp (Continued)

Blank(2102059-BLK2)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
alpha-Humulene	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
Isoborneol	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
Isopulegol	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
Limonene	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
Linalool	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
p-Mentha-1,5-diene	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
beta-Myrcene	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
trans-Nerolidol	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
alpha-Pinene	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
beta-Pinene	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
Pulegone	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
Sabinene	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
Sabinene hydrate	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
gamma-Terpinene	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
alpha-Terpinene	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
Terpineol	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
Terpinolene	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
Valencene	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
B Y-Terpineol	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
Nerol	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
A-Terpineol	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
cis-Nerolidol	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
Borneol	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
Ocimene isomer II	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07
Ocimene isomer I	< LOQ	0.001000	%		01/09/21 08:44	01/09/21 18:07

Reference(2102059-SRM2)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
beta-Caryophyllene	129	2.500E-4	%	70-130	01/09/21 08:44	01/09/21 18:25
alpha-Humulene	92.3	2.500E-4	%	70-130	01/09/21 08:44	01/09/21 18:25
beta-Myrcene	128	2.500E-4	%	70-130	01/09/21 08:44	01/09/21 18:25



*Russell Kuhfeld*

Russell Kuhfeld  
Quality Officer - 1/11/2021

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.

This is for informational testing and is not compliance testing. Lab results apply to the sample as received.