

## HHC Distillate

Sample ID: SA-11092021-5406  
 Batch: 12.9.21  
 Type: In-Process Materials  
 Matrix: Concentrate - Other

Received: 11/10/2021  
 Completed: 11/22/2021

**Client**

The Wyoming Company LLC.  
 30 North Gould St.  
 Sheridan, WY 82801  
 USA



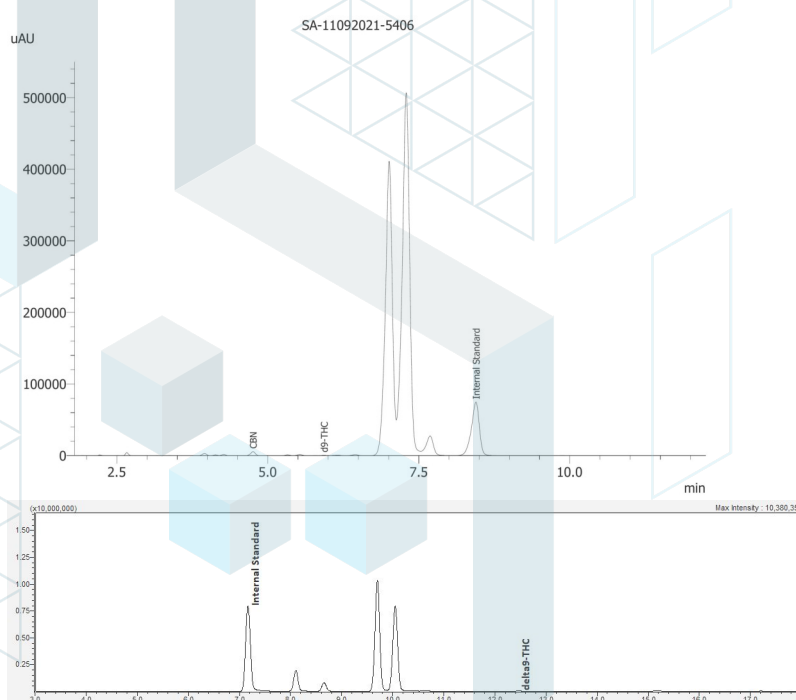
## Summary

Test	Date Tested	Status
Cannabinoids	11/22/2021	Tested
Cannabinoids (Additional)	11/22/2021	Tested
Heavy Metals	11/19/2021	Tested
Mycotoxins	11/16/2021	Tested
Pesticides	11/16/2021	Tested
Residual Solvents	11/16/2021	Tested
Terpenes	11/16/2021	Tested

## Cannabinoids by HPLC-PDA and GC-MS/MS

<b>0.299 %</b>	<b>0.299 %</b>	<b>0.462 %</b>	<b>Not Tested</b>	<b>Not Tested</b>	<b>Yes</b>
Total Δ9-THC	Δ9-THC	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Marker Recovered

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC	0.0095	0.0284	ND	ND
CBCA	0.0181	0.0543	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	ND	ND
CBDA	0.0043	0.013	ND	ND
CBDV	0.0061	0.0182	ND	ND
CBDVA	0.0021	0.0063	ND	ND
CBG	0.0057	0.0172	ND	ND
CBGA	0.0049	0.0147	ND	ND
CBL	0.0112	0.0335	ND	ND
CBLA	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	0.163	1.63
CBNA	0.006	0.0181	ND	ND
Δ8-THC	0.0104	0.0312	ND	ND
Δ9-THC	0.0076	0.0227	0.299	2.99
Δ9-THCA	0.0084	0.0251	ND	ND
Δ9-THCV	0.0069	0.0206	ND	ND
Δ9-THCVA	0.0062	0.0186	ND	ND
<b>Total Δ9-THC</b>			<b>0.299</b>	<b>2.99</b>
<b>Total CBD</b>			<b>ND</b>	<b>ND</b>
<b>Total</b>			<b>0.462</b>	<b>4.62</b>



ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA \* 0.877 + Δ9-THC; Total CBD = CBDA \* 0.877 + CBD;



11/22/2021

This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 17025:2017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.



## HHC Distillate

Sample ID: SA-11092021-5406  
 Batch: 12.9.21  
 Type: In-Process Materials  
 Matrix: Concentrate - Other

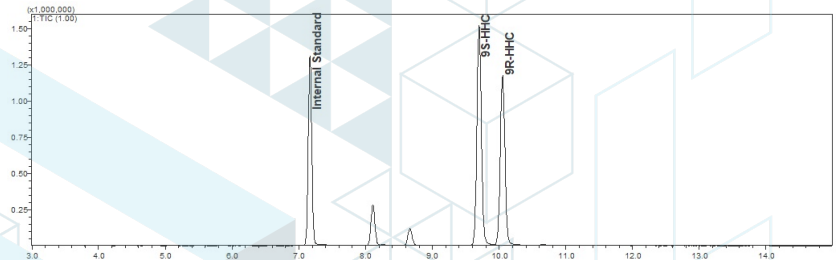
Received: 11/10/2021  
 Completed: 11/22/2021

**Client**

The Wyoming Company LLC.  
 30 North Gould St.  
 Sheridan, WY 82801  
 USA

## Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
(9R)-HHC	1.	5.	30.0	300.0
(9S)-HHC	1.	5.	49.5	495.0



ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA \* 0.877 + Δ9-THC; Total CBD = CBDA \* 0.877 + CBD;



11/22/2021





**KCA Laboratories**  
232 North Plaza Drive  
Nicholasville, KY 40356

+1-833-KCA-LABS  
<https://kcalabs.com>  
KDA Lic.# P\_0058

## Certificate of Analysis

3 of 7

### HHC Distillate

Sample ID: SA-11092021-5406  
Batch: 12.9.21  
Type: In-Process Materials  
Matrix: Concentrate - Other

Received: 11/10/2021  
Completed: 11/22/2021

#### Client

The Wyoming Company LLC.  
30 North Gould St.  
Sheridan, WY 82801  
USA

### Heavy Metals by ICP-MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Arsenic	2	20	ND
Cadmium	1	20	ND
Lead	2	20	ND
Mercury	12	50	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

11/22/2021



This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 17025:2017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.

## HHC Distillate

Sample ID: SA-11092021-5406  
 Batch: 12.9.21  
 Type: In-Process Materials  
 Matrix: Concentrate - Other

Received: 11/10/2021  
 Completed: 11/22/2021

**Client**

The Wyoming Company LLC.  
 30 North Gould St.  
 Sheridan, WY 82801  
 USA

## Pesticides by LC-MS/MS and GC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Abamectin	30	100	ND	Hexythiazox	30	100	ND
Acephate	30	100	ND	Imazalil	30	100	ND
Acequinocyl	30	100	ND	Imidacloprid	30	100	ND
Acetamiprid	30	100	ND	Kresoxim methyl	30	100	ND
Aldicarb	30	100	ND	Malathion	30	100	ND
Azoxystrobin	30	100	ND	Metalaxyl	30	100	ND
Bifenazate	30	100	ND	Methiocarb	30	100	ND
Bifenthrin	30	100	ND	Methomyl	30	100	ND
Boscalid	30	100	ND	Mevinphos	30	100	ND
Carbaryl	30	100	ND	Myclobutanil	30	100	ND
Carbofuran	30	100	ND	Naled	30	100	ND
Chloranthraniliprole	30	100	ND	Oxamyl	30	100	ND
Chlorfenapyr	30	100	ND	Paclobutrazol	30	100	ND
Chlorpyrifos	30	100	ND	Permethrin	30	100	ND
Clofentezine	30	100	ND	Phosmet	30	100	ND
Coumaphos	30	100	ND	Piperonyl Butoxide	30	100	ND
Cypermethrin	30	100	ND	Prallethrin	30	100	ND
Daminozide	30	100	ND	Propiconazole	30	100	ND
Diazinon	30	100	ND	Propoxur	30	100	ND
Dichlorvos	30	100	ND	Pyrethrins	30	100	ND
Dimethoate	30	100	ND	Pyridaben	30	100	ND
Dimethomorph	30	100	ND	Spinetoram	30	100	ND
Ethoprophos	30	100	ND	Spinosad	30	100	ND
Etofenprox	30	100	ND	Spiromesifen	30	100	ND
Etoxazole	30	100	ND	Spirotetramat	30	100	ND
Fenhexamid	30	100	ND	Spiroxamine	30	100	ND
Fenoxycarb	30	100	ND	Tebuconazole	30	100	ND
Fenpyroximate	30	100	ND	Thiacloprid	30	100	ND
Fipronil	30	100	ND	Thiamethoxam	30	100	ND
Flonicamid	30	100	ND	Trifloxystrobin	30	100	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



11/22/2021





**KCA Laboratories**  
232 North Plaza Drive  
Nicholasville, KY 40356

+1-833-KCA-LABS  
<https://kcalabs.com>  
KDA Lic.# P\_0058

## Certificate of Analysis

5 of 7

### HHC Distillate

Sample ID: SA-11092021-5406  
Batch: 12.9.21  
Type: In-Process Materials  
Matrix: Concentrate - Other

Received: 11/10/2021  
Completed: 11/22/2021

#### Client

The Wyoming Company LLC.  
30 North Gould St.  
Sheridan, WY 82801  
USA

### Mycotoxins by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
B1	1	5	ND
B2	1	5	ND
G1	1	5	ND
G2	1	5	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

11/22/2021



This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 17025:2017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.

## HHC Distillate

Sample ID: SA-11092021-5406  
 Batch: 12.9.21  
 Type: In-Process Materials  
 Matrix: Concentrate - Other

Received: 11/10/2021  
 Completed: 11/22/2021

**Client**

The Wyoming Company LLC.  
 30 North Gould St.  
 Sheridan, WY 82801  
 USA

## Residual Solvents by HS-GC-MS/MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	167	500	ND	Ethylene Oxide	0.5	1	ND
Acetonitrile	14	41	ND	Heptane	167	500	ND
Benzene	0.5	1	ND	n-Hexane	10	29	ND
Butane	167	500	ND	Isobutane	167	500	ND
1-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanol	167	500	ND	Isopropyl Alcohol	167	500	ND
2-Butanone	167	500	ND	Isopropylbenzene	167	500	ND
Chloroform	2	6	ND	Methanol	100	300	ND
Cyclohexane	130	388	ND	2-Methylbutane	167	500	ND
1,2-Dichloroethane	0.5	1	ND	Methylene Chloride	20	60	ND
1,2-Dimethoxyethane	4	10	ND	2-Methylpentane	10	29	ND
Dimethyl Sulfoxide	167	500	ND	3-Methylpentane	10	29	ND
N,N-Dimethylacetamide	37	109	ND	n-Pentane	167	500	ND
2,2-Dimethylbutane	10	29	ND	1-Pentanol	167	500	ND
N,N-Dimethylformamide	30	88	ND	n-Propane	167	500	ND
2,2-Dimethylpropane	167	500	ND	1-Propanol	167	500	ND
1,4-Dioxane	13	38	ND	Pyridine	7	20	ND
Ethanol	167	500	ND	Tetrahydrofuran	24	72	ND
2-Ethoxyethanol	6	16	ND	Toluene	30	89	ND
Ethyl Acetate	167	500	ND	Trichloroethylene	3	8	ND
Ethyl Ether	167	500	ND	Tetramethylene Sulfone	6	16	ND
Ethylbenzene	3	7	ND	Xylenes (o-, m-, and p-)	73	217	ND
Ethylene Glycol	21	62	ND				

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



11/22/2021





## HHC Distillate

Sample ID: SA-11092021-5406  
 Batch: 12.9.21  
 Type: In-Process Materials  
 Matrix: Concentrate - Other

Received: 11/10/2021  
 Completed: 11/22/2021

**Client**

The Wyoming Company LLC.  
 30 North Gould St.  
 Sheridan, WY 82801  
 USA

## Terpenes by HS-GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
$\alpha$ -Bisabolol	0.00001	0.00005	ND	Limonene	0.00001	0.00001	ND
(+)-Borneol	0.00001	0.00005	ND	Linalool	0.00001	0.00001	ND
Camphene	0.00001	0.00005	ND	$\beta$ -myrcene	0.00001	0.00001	ND
Camphor	0.00001	0.00005	ND	Nerol	0.00001	0.00001	ND
3-Carene	0.00001	0.00005	ND	cis-Nerolidol	0.00001	0.00001	ND
$\beta$ -Caryophyllene	0.00001	0.00005	ND	trans-Nerolidol	0.00001	0.00001	ND
Caryophyllene Oxide	0.00001	0.00005	ND	Ocimene	0.00001	0.00001	ND
$\alpha$ -Cedrene	0.00001	0.00005	ND	$\alpha$ -Phellandrene	0.00001	0.00001	<LOQ
Cedrol	0.00001	0.00005	ND	$\alpha$ -Pinene	0.00001	0.00001	ND
Eucalyptol	0.00001	0.00005	ND	$\beta$ -Pinene	0.00001	0.00001	ND
Fenchone	0.00001	0.00005	ND	Pulegone	0.00001	0.00001	ND
Fenchyl Alcohol	0.00001	0.00005	ND	Sabinene	0.00001	0.00001	ND
Geraniol	0.00001	0.00005	ND	Sabinene Hydrate	0.00001	0.00001	ND
Geranyl Acetate	0.00001	0.00005	ND	$\alpha$ -Terpinene	0.00001	0.00001	0.000054
Guaiol	0.00001	0.00005	ND	$\gamma$ -Terpinene	0.00001	0.00001	ND
Hexadhydrothymol	0.00001	0.00005	ND	$\alpha$ -Terpineol	0.00001	0.00001	ND
$\alpha$ -Humulene	0.00001	0.00005	ND	$\gamma$ -Terpineol	0.00001	0.00001	ND
Isoborneol	0.00001	0.00005	ND	Terpinolene	0.00001	0.00001	ND
Isopulegol	0.00001	0.00005	ND	<b>Total Terpenes (%)</b>			<b>9e-05</b>

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



Woody



Citrus



Eucalyptus

11/22/2021

