



# Kush Hemp

# Craft AG

Test Result UID: **ANL0031065**

Lot Inventory ID:

Lab Inventory ID:

Date Tested: 01/02/2020

4590 Ne Eagle Harbor Drive  
Banbridge Island, WA 98110  
US



## Summary

<b>9.48 %</b> Total Cannabinoids	<b>Pass</b> Microbial	<b>Pass</b> Mycotoxins	<b>Not Tested</b> Residual Solvents	<b>Pass</b> Pesticides	<b>Pass</b> Heavy Metals
-------------------------------------	--------------------------	---------------------------	--	---------------------------	-----------------------------

## Cannabinoids

Testing method: HPLC-SOP 0011

Analyte	LOD	LOQ	Mass	Mass
Δ9-THC-A	0.0000%	0.0001%	2.881 mg/g	0.2881 %
Δ9-THC	0.0000%	0.0001%	ND mg/g	ND %
Δ9-THCV	0.0000%	0.0001%	ND mg/g	ND %
Δ8-THC	0.0000%	0.0001%	ND mg/g	ND %
CBN	0.0000%	0.0001%	ND mg/g	ND %
CBD-A	0.0000%	0.0001%	90.180 mg/g	9.0180 %
CBD	0.0000%	0.0001%	ND mg/g	ND %
CBDV-A	0.0000%	0.0001%	ND mg/g	ND %
CBDV	0.0000%	0.0001%	ND mg/g	ND %
CBG-A	0.0000%	0.0001%	1.779 mg/g	0.1779 %
CBG	0.0000%	0.0001%	ND mg/g	ND %
CBC	0.0000%	0.0001%	ND mg/g	ND %

**0.25 %**  
Total THC

**7.91 %**  
Total CBD

## Terpenes

Testing method: HSGCFID-SOP 0030

Analyte	LOD	LOQ	Mass	Mass
α-Pinene	0.000%	0.001%	0.06 mg/g	0.006 %
β-Pinene	0.000%	0.001%	0.18 mg/g	0.018 %
Myrcene	0.000%	0.001%	0.04 mg/g	0.004 %
Ocimene	0.000%	0.001%	0.83 mg/g	0.083 %
Limonene	0.000%	0.001%	ND mg/g	ND %
Terpinolene	0.000%	0.001%	ND mg/g	ND %
Linalool	0.000%	0.001%	ND mg/g	ND %
Caryophyllene	0.000%	0.001%	10.19 mg/g	1.019 %
Humulene	0.000%	0.001%	2.75 mg/g	0.275 %

**1.40 %**  
Total Terpenes

**6.62 %**  
Moisture  
SOP-0009

**0.5151 aw**  
Water Activity  
SOP-0053

**Pass**  
Foreign Matter  
SOP-0010

Total THC = Δ9-THC-A \* 0.877 + Δ9-THC  
Total CBD = CBD-A \* 0.877 + CBD  
LOQ = Limit of Quantification; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected  
The reported result is based on a sample weight with the applicable moisture content for that sample. The values reported pertain only to the product tested.



Analytical 360, LLC certifies that the results presented are true and correct to the best of our knowledge. These results relate only to the sample provided by the client to Analytical 360, LLC.

Reference Lab  
Analytical 360, LLC subcontracts the following assays:  
Mycotoxins and Pesticides performed by Praxis Laboratory (WSLCB Lab #0020)  
Pesticides and Heavy Metals performed by Medicine Creek Analytics (WSLCB Lab #0018)

Approved By

*Paul D. Matthews, Ph.D.*

Paul Matthews, Ph.D.  
Executive Lab Director / Chief Science Officer



# Kush Hemp

# Craft AG

Test Result UID: ANL0031065

Lot Inventory ID:

4590 Ne Eagle Harbor Drive  
Banbridge Island, WA 98110  
US

Lab Inventory ID:

Date Tested: 01/02/2020

## Microbial Testing method: PLATE-SOP 0007

Analyte	LOD	LOQ	Action Level	Mass	Status
Bile-Tolerant Gram Negative Bacteria	60 CFU/g	300 CFU/g	10000 CFU/g	7,820 CFU/g	Pass
Salmonella spp.	-	-	Any Detected in 1 g		Pass
Escherichia coli	-	-	Any Detected in 1 g		Pass
Total Aerobic Bacteria	600 CFU/g	3000 CFU/g	No Limit	NT	
Total Yeast and Mold	600 CFU/g	3000 CFU/g	No Limit	NT	
Total Coliforms	60 CFU/g	300 CFU/g	No Limit	NT	

## Mycotoxins Testing method: ELISA-SOP 0054

Analyte	LOD	LOQ	Action Level	Mass	Status
Aflatoxins B1, B2, G1, G2	0.1 ppb	1.0 ppb	20 ppb	ND ppb	Pass
Ochratoxin A	0.1 ppb	1.0 ppb	20 ppb	ND ppb	Pass

## Heavy Metals Testing method: ICPMS-SOP 0055

Analyte	LOD	LOQ	Action Level	Mass	Status
Arsenic	0.02 ug/5g	0.06 ug/5g	10 ug/5g	ND ug/5g	Pass
Cadmium	0.01 ug/5g	0.04 ug/5g	4.1 ug/5g	ND ug/5g	Pass
Lead	0.01 ug/5g	0.02 ug/5g	6 ug/5g	ND ug/5g	Pass
Mercury	0.02 ug/5g	0.07 ug/5g	2 ug/5g	ND ug/5g	Pass

Washington State I-502 Recreational Marijuana Microbial / Mycotoxins Action Levels

Counts not to exceed:

- 1,000 CFU/g Bile-Tolerant Gram Negative Bacteria for solvent extracts and edibles
- 10,000 CFU/g Bile-Tolerant Gram Negative Bacteria for flower, hash and kief
- *E coli* and *Salmonella* **not detected** in one gram for all products
- 20 ppb for Aflatoxins B1, B2, G1, G2, and Ochratoxin A for all products

LOQ = Limit of Quantification; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected  
CFU/g = Colony Forming Units Per Gram; ppm = Parts per Million; ppb = Parts per Billion  
TNTC = Too Numerous To Count  
The reported result is based on a sample weight with the applicable moisture content for that sample. The values reported pertain only to the product tested.

**Pass**  
Microbial

**Pass**  
Mycotoxins

**Pass**  
Heavy Metals



Analytical 360, LLC certifies that the results presented are true and correct to the best of our knowledge. These results relate only to the sample provided by the client to Analytical 360, LLC.

**Reference Lab**

Analytical 360, LLC subcontracts the following assays:  
Mycotoxins and Pesticides performed by Praxis Laboratory (WSLCB Lab #0020)  
Pesticides and Heavy Metals performed by Medicine Creek Analytics (WSLCB Lab #0018)

Approved By

*Paul D. Matthews, Ph.D.*

Paul Matthews, Ph.D.  
Executive Lab Director / Chief Science Officer



# Kush Hemp

# Craft AG

Test Result UID: ANL0031065

Lot Inventory ID:

Lab Inventory ID:

Date Tested: 01/02/2020

4590 Ne Eagle Harbor Drive  
Banbridge Island, WA 98110  
US

## Pesticides Testing method: LCMS-SOP 0055

Analyte	LOD	LOQ	Mass	Action Level	Analyte	LOD	LOQ	Mass	Action Level
	ppm	ppm		ppm		ppm	ppm		ppm
Avermectin B1a	0.009	0.02	ND ppm		Malathion	0.01	0.02	ND ppm	0.20
Avermectin B1b	0.006	0.02	ND ppm		Metalaxyl	0.01	0.10	ND ppm	0.20
<b>Abamectin Total</b>			ND ppm	0.50	Methiocarb	0.01	0.10	ND ppm	0.20
Acephate	0.01	0.10	ND ppm	0.40	Methomyl	0.01	0.10	ND ppm	0.40
Acequinocyl	0.01	0.10	ND ppm	2.00	Methylparathion	0.02	0.10	ND ppm	0.20
Acetaminiprid	0.01	0.02	ND ppm	0.20	MGK 264 Isomer1	0.009	0.09	ND ppm	
Aldicarb	0.01	0.02	ND ppm	0.40	MGK 264 Isomer1	0.001	0.01	ND ppm	
Azoxystrobin	0.01	0.10	ND ppm	0.20	<b>MGK-264 Total</b>			ND ppm	0.20
Bifenazate	0.01	0.02	ND ppm	0.20	Myclobutanil	0.01	0.02	ND ppm	0.20
Bifenthrin	0.01	0.02	ND ppm	0.20	Naled	0.01	0.02	ND ppm	0.50
Boscalid	0.01	0.02	ND ppm	0.40	Oxamyl	0.01	0.02	ND ppm	1.00
Carbaryl	0.01	0.02	ND ppm	0.20	Paclobutrazol	0.01	0.02	ND ppm	0.40
Carbofuran	0.01	0.10	ND ppm	0.20	Permethrin Cis	0.004	0.04	ND ppm	
Chlorantraniliprole	0.01	0.10	ND ppm	0.20	Permethrin Trans	0.006	0.06	ND ppm	
Chlorfenapyr	0.02	0.40	ND ppm	1.00	<b>Permethrins Total</b>			ND ppm	0.20
Chlorpyrifos	0.01	0.02	ND ppm	0.20	Phosmet	0.01	0.02	ND ppm	0.20
Clofentezine	0.01	0.10	ND ppm	0.20	Piperonyl butoxide	0.01	0.02	ND ppm	2.00
Cyfluthrin	0.10	0.10	ND ppm	1.00	Prallethrin	0.01	0.10	ND ppm	0.20
Cypermethrin	0.10	0.20	ND ppm	1.00	Propiconazole	0.01	0.02	ND ppm	0.40
Daminozide	0.02	0.10	ND ppm	1.00	Propoxur	0.01	0.02	ND ppm	0.20
DDVP (Dichlorvos)	0.01	0.02	ND ppm	0.10	Pyrethrins Cinerin	0.0006	0.001	ND ppm	
Diazinon	0.01	0.02	ND ppm	0.20	Pyrethrins Jasmolin	0.0004	0.004	ND ppm	
Dimethoate	0.01	0.10	ND ppm	0.20	Pyrethrins Pyrethrin	0.006	0.06	ND ppm	
Ethoprophos	0.01	0.02	ND ppm	0.20	<b>Pyrethrins Total</b>			ND ppm	1.00
Etofenprox	0.01	0.02	ND ppm	0.40	Pyridaben	0.01	0.02	ND ppm	0.20
Etoxazole	0.01	0.02	ND ppm	0.20	Spinosyn A	0.006	0.01	ND ppm	
Fenoxycarb	0.01	0.10	ND ppm	0.20	Spinosyn D	0.004	0.009	ND ppm	
Fenpyroximate	0.01	0.10	ND ppm	0.40	<b>Spinosad Total</b>			ND ppm	0.20
Fipronil	0.01	0.02	ND ppm	0.40	Spiromesifen	0.01	0.02	ND ppm	0.20
Flonicamid	0.01	0.10	ND ppm	1.00	Spirotetramat	0.01	0.02	ND ppm	0.20
Fludioxonil	0.01	0.02	ND ppm	0.40	Spiroxamine	0.01	0.02	ND ppm	0.40
Hexythiazox	0.01	0.01	ND ppm	1.00	Tebuconazole	0.01	0.02	ND ppm	0.40
Imazalil	0.01	0.02	ND ppm	0.20	Thiacloprid	0.01	0.02	ND ppm	0.20
Imidacloprid	0.01	0.10	ND ppm	0.40	Thiamethoxam	0.01	0.02	ND ppm	0.20
Kresoxim-methyl	0.01	0.02	ND ppm	0.40	Trifloxystrobin	0.01	0.02	ND ppm	0.20

LOQ = Limit of Quantification; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected  
ppm = Parts Per Million

The values reported pertain only to the product tested.

**Pass**  
**Pesticides**



Analytical 360, LLC certifies that the results presented are true and correct to the best of our knowledge. These results relate only to the sample provided by the client to Analytical 360, LLC.

**Reference Lab**  
Analytical 360, LLC subcontracts the following assays:  
Mycotoxins and Pesticides performed by Praxis Laboratory (WSLCB Lab #0020)  
Pesticides and Heavy Metals performed by Medicine Creek Analytics (WSLCB Lab #0018)

Approved By  
*Paul D. Matthews, Ph.D.*  
Paul Matthews, Ph.D.  
Executive Lab Director / Chief Science Officer