



# Certificate of Analysis

Sample: DA00826018-001

Harvest/Lot ID: N/A

Seed to Sale #N/A

Batch Date :N/A

Batch#: BRU08192000154

Sample Size Received: 50 gram

Retail Product Size: 1

Ordered : 08/24/20

Sampled : 08/24/20

Completed: 09/01/20 Expires: 09/01/21

Sampling Method: SOP Client Method

**PASSED**

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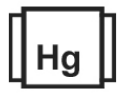
Sep 01, 2020 | Brushy Bee CBD

610 Bethany Church Rd  
Moravian Falls, NC, Moravian Falls, US

## PRODUCT IMAGE SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals  
Solvents  
**PASSED**



Filtration  
**PASSED**



Water Activity  
**NOT TESTED**



Moisture  
**NOT TESTED**



Terpenes  
**NOT TESTED**

MISC.

## CANNABINOID RESULTS



Total THC  
**2.384%**

THC/Container :23.840 mg



Total CBD  
**64.538%**

CBD/Container :645.380 mg



Total Cannabinoids  
**70.482%**

Total Cannabinoids/Container  
:704.820 mg

CBC	CBD	CBDa	CBDV	CBG	CBGA	CBN	D8-THC	D9-THC	THCA	THCV
1.487%	64.538%	ND	0.350%	1.334%	ND	0.294%	ND	2.384%	ND	0.095%
14.870 mg/g	645.380 mg/g	ND	3.500 mg/g	13.340 mg/g	ND	2.940 mg/g	ND	23.840 mg/g	ND	0.950 mg/g
LOD 0.001	0.0001	0.001	0.001	0.001	0.001	0.001	0.001	0.0001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%

	Filtration	<b>PASSED</b>
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Analyzed By	Weight	Extraction date	LOD(ppm)	Extracted By
457	1g	NA		NA
Analysis Method -SOP.T.40.013		Batch Date : 08/25/20 11:35:39		
Analytical Batch -DA015069FIL		Reviewed On - 08/26/20 13:17:05		
Instrument Used :				

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is use for inspection.

## Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
450	0.1132g	08/26/20 05:08:11	574
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 08/31/20 15:06:04	
Analytical Batch -DA015123POT		Batch Date : 08/26/20 13:06:46	
Instrument Used : DA-LC-003			

Reagent	Dilution	Consums. ID
061220.21 081420.R03 082720.R16 082720.R15	400	181019-274 918C4-918J 914C4-914AK 929C6-929H 76262-590

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L).



# Certificate of Analysis

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**Brushy Bee CBD**

 610 Bethany Church Rd  
 Moravian Falls, NC, Moravian Falls, US

**Telephone:** (346) 306-5021

**Email:** Jak@brushybeecbd.com

**Sample : DA00826018-001**
**Harvest/LOT ID: N/A**
**Batch# :**

BRU08192000154

**Sampled :** 08/24/20

**Ordered :** 08/24/20

**Sample Size Received :** 50 gram

**Completed :** 09/01/20 **Expires:** 09/01/21

**Sample Method :** SOP Client Method

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## Pesticides

**PASSED**

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND	PROPICONAZOLE	0.01	ppm	1	ND
ACEPHATE	0.01	ppm	3	ND	PROPOXUR	0.01	ppm	0.1	ND
ACEQUINOCYL	0.01	ppm	2	ND	PYRETHRIN I	0.01	ppm	1	ND
ACETAMIPRID	0.01	ppm	3	ND	PYRETHRIN II	0.01	ppm	1	ND
ALDICARB	0.01	ppm	0.1	ND	PYRETHRINS	0.05	ppm	1	ND
AZOXYSTROBIN	0.01	ppm	3	ND	PYRIDABEN	0.02	ppm	3	ND
BIFENAZATE	0.01	ppm	3	ND	SPINETORAM	0.02	PPM	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND	SPINOSAD (SPINOSYN A)	0.01	ppm	3	ND
BOSCALID	0.01	PPM	3	ND	SPINOSAD (SPINOSYN D)	0.01	ppm	3	ND
CARBARYL	0.05	ppm	0.5	ND	SPIROMESIFEN	0.01	ppm	3	ND
CARBOFURAN	0.01	ppm	0.1	ND	SPIROTETRAMAT	0.01	ppm	3	ND
CHLORANTRANILIPROLE	0.1	ppm	3	ND	SPIROXAMINE	0.01	ppm	0.1	ND
CHLORMEQUAT CHLORIDE	0.1	ppm	3	ND	TEBUCONAZOLE	0.01	ppm	1	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	THIACLOPRID	0.01	ppm	0.1	ND
CLOFENTZINE	0.02	ppm	0.5	ND	THIAMETHOXAM	0.05	ppm	1	ND
COUMAPHOS	0.01	ppm	0.1	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0	PPM	20	ND
DAMINOZIDE	0.01	ppm	0.1	ND	TOTAL PERMETHRIN	0.01	ppm	1	ND
DIAZANON	0.01	ppm	0.2	ND	TOTAL SPINOSAD	0.01	ppm	3	ND
DICHLORVOS	0.01	ppm	0.1	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
DIMETHOATE	0.01	ppm	0.1	ND					
DIMETHOMORPH	0.02	ppm	3	ND					
ETHOPROPHOS	0.01	ppm	0.1	ND					
ETOFENPROX	0.01	ppm	0.1	ND					
ETOXAZOLE	0.01	ppm	1.5	ND					
FENHEXAMID	0.01	ppm	3	ND					
FENOXYCARB	0.01	ppm	0.1	ND					
FENPYROXIMATE	0.01	ppm	2	ND					
FIPRONIL	0.01	ppm	0.1	ND					
FLONICAMID	0.01	ppm	2	ND					
FLUDIOXONIL	0.01	ppm	3	ND					
HEXYTHIAZOX	0.01	ppm	2	ND					
IMAZALIL	0.01	ppm	0.1	ND					
IMIDACLOPRID	0.04	ppm	3	ND					
KRESOXIM-METHYL	0.01	ppm	1	ND					
MALATHION	0.02	ppm	2	ND					
METALAXYL	0.01	ppm	3	ND					
METHIOCARB	0.01	ppm	0.1	ND					
METHOMYL	0.01	ppm	0.1	ND					
MEVINPHOS	0.01	ppm	0.1	ND					
MYCLOBUTANIL	0.01	ppm	3	ND					
NALED	0.025	ppm	0.5	ND					
OXAMYL	0.05	ppm	0.5	ND					
PACLOBUTRAZOL	0.01	ppm	0.1	ND					
PHOSMET	0.01	ppm	0.2	ND					
PIPERONYL BUTOXIDE	0.1	ppm	3	ND					
PRALLETHRIN	0.01	ppm	0.4	ND					



## Pesticides

**PASSED**
**Analyzed by**  
 585

**Weight**  
 1.0045g

**Extraction date**  
 08/26/20 04:08:13

**Extracted By**  
 585

**Analysis Method** - SOP.T.30.065, SOP.T.40.065 ,  
 SOP.T.30.065, SOP.T.40.070  
**Analytical Batch** - DA014974PES  
**Instrument Used** : DA-LCMS-002\_DER (PES)  
**Batch Date** : 08/21/20 11:01:17

**Reviewed On-** 08/26/20 13:17:05

**Reagent**  
 080320.02  
 070620.02

**Dilution**  
 10

**Consums. ID**  
 280678841  
 76262-590

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 67 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T.40.065 Procedure for Pesticide Quantification Using LCMS). \* Volatile Pesticide screening is performed using GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Analytes marked with an asterisk were tested using GC-MS.



# Certificate of Analysis

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**Brushy Bee CBD**

 610 Bethany Church Rd  
 Moravian Falls, NC, Moravian Falls, US  
**Telephone:** (346) 306-5021  
**Email:** Jak@brushybeecbd.com

**Sample : DA00826018-001**
**Harvest/LOT ID: N/A**
**Batch# :**  
 BRU08192000154  
**Sampled :** 08/24/20  
**Ordered :** 08/24/20

**Sample Size Received :** 50 gram  
**Completed :** 09/01/20 **Expires:** 09/01/21  
**Sample Method :** SOP Client Method

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	<b>Residual Solvents</b>	<b>PASSED</b>
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	<b>Residual Solvents</b>	<b>PASSED</b>
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Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONE	75	ppm	5000	PASS	ND
ACETONITRILE	6	ppm	410	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
METHANOL	25	ppm	3000	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
PROPANE	500	ppm	2100	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
XYLENES-M (1,3-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND
XYLENES-M&P (1,3&1,4-DIMETHYLBENZENE)	27	ppm	2170	PASS	ND
XYLENES-O (1,2-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND
XYLENES-P (1,4-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND

Analyzed by	Weight	Extraction date	Extracted By
850	0.0217g	08/28/20 01:08:46	850
<b>Analysis Method -SOP.T.40.032</b> <b>Analytical Batch -DA015166SOL</b> <b>Instrument Used : DA-GCMS-002</b> <b>Batch Date : 08/27/20 17:09:51</b>			
<b>Reviewed On - 08/31/20 16:29:13</b>			

Reagent	Dilution	Consums. ID
	1	H2017.077 00279984 161291-1

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 21 Residual solvents.(Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS).





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 Moravian Falls, NC, Moravian Falls, US  
**Telephone:** (346) 306-5021  
**Email:** Jak@brushybeecbd.com

**Sample : DA00826018-001**
**Harvest/LOT ID: N/A**
**Batch# :**

BRU08192000154

**Sampled :** 08/24/20

**Ordered :** 08/24/20

**Sample Size Received :** 50 gram

**Completed :** 09/01/20 **Expires:** 09/01/21

**Sample Method :** SOP Client Method

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	<b>Microbials</b>	<b>PASSED</b>
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	<b>Mycotoxins</b>	<b>PASSED</b>
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**Analyte**

 ASPERGILLUS\_FLAVUS  
 ASPERGILLUS\_FUMIGATUS  
 ASPERGILLUS\_NIGER  
 ASPERGILLUS\_TERREUS  
 ESCHERICHIA\_COLI\_SHIGELLA\_SPP  
 SALMONELLA\_SPECIFIC\_GENE

**Result Analyte**

 not present in 1 gram.  
 not present in 1 gram.  
 not present in 1 gram.  
 not present in 1 gram.  
 not present in 1 gram.  
 not present in 1 gram.

**LOD Units Result Action Level (PPM)**

Analyte	LOD	Units	Result	Action Level (PPM)
AFLATOXIN G2	0.002	ppm	ND	0.02
AFLATOXIN G1	0.002	ppm	ND	0.02
AFLATOXIN B2	0.002	ppm	ND	0.02
AFLATOXIN B1	0.002	ppm	ND	0.02
OCHRATOXIN A+	0.002	ppm	ND	0.02

**Analysis Method -SOP.T.40.043 / SOP.T.40.044**
**Analytical Batch -DA015114MIC Batch Date : 08/26/20**
**Instrument Used : PathogenDX PCR\_Array Scanner DA-111,PathogenDX PCR\_DA-010**

Analyzed by	Weight	Extraction date	Extracted By
513	1.0330g	08/26/20	513

Reagent	Consums. ID	Consums. ID	Consums. ID	Consums. ID
071020.08	181019-274	50AX30819	A06	2808006
101519.09	SG298A	850C6-850H	2807008	2811017
	11989-024CC-024	19423	2809005	001001
	181207119C	080717	2810014D	001001
	918C4-918J	2802019	029	001001
	914C4-914AK	2803029	2804026	

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

**Analysis Method -SOP.T.30.065, SOP.T.40.065**
**Analytical Batch -DA014975MYC | Reviewed On - 09/01/20 15:11:04**
**Instrument Used : DA-LCMS-002\_DER (MYC)**
**Batch Date : 08/21/20 11:04:23**

Analyzed by	Weight	Extraction date	Extracted By
585	1g	08/26/20 05:08:48	585

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T.40.065 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Aflatoxin B1, B2, G1, and G2 must individually be <20ug/Kg. Ochratoxins must be <20ug/Kg.

	<b>Heavy Metals</b>	<b>PASSED</b>
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Reagent	Reagent	Dilution	Consums. ID
082420.R01	082420.R15	100	89401-566
082520.R13	082420.R18		
071320.08	080420.R01		
082420.R03	022520.02		
082420.R17	030420.06		
082420.R16	080120.01		

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	PPM	ND	1.5
CADMIUM	0.02	PPM	ND	0.5
LEAD	0.05	PPM	ND	0.5
MERCURY	0.02	PPM	ND	3

Analyzed by	Weight	Extraction date	Extracted By
53	0.2667g	08/27/20 11:08:33	1783

**Analysis Method -SOP.T.40.050, SOP.T.30.052**
**Analytical Batch -DA015133HEA | Reviewed On - 08/31/20 11:30:30**
**Instrument Used : DA-GCMS-001**
**Batch Date : 08/26/20 14:17:17**

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS.