



# CERTIFICATE OF ANALYSIS

**Customer:** Extract Labs KY LLC - Louisville, KY 40223

**Order #:** 704653  
**Batch #:** 19B0012708  
**Order Date:** 09/04/2019  
**Collection Date:** 09/04/2019  
**Report Date:** 09/10/2019

**Specimen Type:** Extract  
**Description:** Lip Balm  
**Extracted From:** Hemp  
**Method:** SOP-3

**Initial Gross Weight:** 29573.00(mg)  
**Specimen Weight:** 105.63(mg)

## Potency

(HPLC)

Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)
CBC	0.159	0.016	0.001	CBCA	ND	0.001	0.001	CBD	12.470	1.247	0.001
CBDA	ND	ND	0.001	CBDV	ND	0.001	0.001	CBDVA	ND	ND	0.001
CBG	ND	ND	0.001	CBGA	ND	0.001	0.001	CBL	ND	ND	0.001
CBN	ND	ND	0.001	CBNA	ND	0.001	0.001	Delta-8-THC	ND	ND	0.001
Delta-9-THC	1.054	0.105	0.001	THCA-A	ND	0.001	0.001	THCV	ND	ND	0.001
THCVA	ND	ND	0.001	Total CBD	12.470	1.247	0.001	Total THC	1.054	0.105	0.001

## Pesticides ( Passed )

(LCMS/MS)

Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)	Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)	Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)
Abamectin	0.500	<LOQ	0.100	Acephate	0.400	<LOQ	0.100	Acequinocyl	2.000	<LOQ	0.750
Acetamiprid	0.200	<LOQ	0.100	Aldicarb	0.400	<LOQ	0.100	Azoxystrobin	0.200	<LOQ	0.100
Bifenazate	0.200	<LOQ	0.100	Bifenthrin	0.200	<LOQ	0.100	Boscalid	0.400	<LOQ	0.100
Carbaryl	0.200	<LOQ	0.100	Carbofuran	0.200	<LOQ	0.100	Chlorantraniliprole	0.200	<LOQ	0.100
Chlorpyrifos	0.200	<LOQ	0.100	Clofentazine	0.200	<LOQ	0.100	Cypermethrin	1.000	<LOQ	0.100
Daminozide	1.000	<LOQ	0.100	Diazinon	0.200	<LOQ	0.100	Dichlorvos	0.100	<LOQ	0.100
Dimethoate	0.200	<LOQ	0.100	Ethoprophos	0.200	<LOQ	0.100	Etofenprox	0.400	<LOQ	0.100
Etoazole	0.200	<LOQ	0.100	Fenoxycarb	0.200	<LOQ	0.100	Fipronil	0.400	<LOQ	0.100
Flonicamid	1.000	<LOQ	0.100	Fludioxonil	0.400	<LOQ	0.100	Hexythiazox	1.000	<LOQ	0.100
Imazalil	0.200	<LOQ	0.100	Imidacloprid	0.400	<LOQ	0.100	Kresoxim Methyl	0.400	<LOQ	0.100
Malathion A	0.200	<LOQ	0.100	Metalaxyl	0.200	<LOQ	0.100	Methiocarb	0.200	<LOQ	0.100
Methomyl	0.400	<LOQ	0.100	MGK-264	0.200	<LOQ	0.100	Myclobutanil	0.200	<LOQ	0.100
Naled	0.500	<LOQ	0.100	Oxamyl	1.000	<LOQ	0.100	Paclbutrazol	0.400	<LOQ	0.100
Parathion-methyl	0.200	<LOQ	0.250	Permethrin	0.200	<LOQ	0.100	Phosmet	0.200	<LOQ	0.100
Piperonylbutoxide	2.000	<LOQ	0.100	Prallethrin	0.200	<LOQ	0.100	Propiconazole	0.400	<LOQ	0.100
Propoxur	0.200	<LOQ	0.100	Pyrethrins	1.000	<LOQ	0.100	Pyridaben	0.200	<LOQ	0.100
Spinosyn A	0.200	<LOQ	0.100	Spinosyn D	0.200	<LOQ	0.100	Spiromesifen	0.200	<LOQ	0.100
Spirotetramat	0.200	<LOQ	0.100	Spiroxamine	0.400	<LOQ	0.100	Tebuconazole	0.400	<LOQ	0.100
Thiacloprid	0.200	<LOQ	0.100	Thiamethoxam	0.200	<LOQ	0.100	Trifloxystrobin	0.200	<LOQ	0.100

Thomas Farrell, MD  
Lab Director

\* Total CBD = CBD + (CBD-A \* 0.877). Total THC = THCA-A \* 0.877 + Delta 9 THC, ND = <LOQ, T-Caryophyllene = Trans-Caryophyllene, <LOQ = Less Than Limit of Quantitation, QNS = Quantity Not Sufficient. (%) = Percent, (ppm) = Parts per Million, (ppb) = Parts per Billion, (µg/Kg) = Microgram per Kilogram, (mg/g) = Milligram per Gram, ppm = (µg/g), ppb = (µg/kg).

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise.

721 Cortaro Drive  
 Sun City Center, FL - 33573

P: +1 (866) 762-8379  
 F: +1 (813) 634-4538

E: [info@acslabcannabis.com](mailto:info@acslabcannabis.com)  
<http://www.acslabcannabis.com>

License No. 800025015  
 CLIA No. 10D1094068



# CERTIFICATE OF ANALYSIS

**Customer:** Extract Labs KY LLC - Louisville, KY 40223

<b>Order #:</b> 704653	<b>Specimen Type:</b> Extract	<b>Initial Gross Weight:</b> 29573.00(mg)
<b>Batch #:</b> 19B0012708	<b>Description:</b> Lip Balm	<b>Specimen Weight:</b> 105.63(mg)
<b>Order Date:</b> 09/04/2019	<b>Extracted From:</b> Hemp	
<b>Collection Date:</b> 09/04/2019	<b>Method:</b> SOP-3	
<b>Report Date:</b> 09/10/2019		

### Residual Solvents ( Passed )

Residual Solvents ( Passed )								(GC/GCMS)			
Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)	Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)	Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)
Acetone	5,000.000	<LOQ	87.900	Benzene	1.600	<LOQ	1.600	Chloroform	53.000	<LOQ	53.000
Ethanol	5,000.000	<LOQ	26.700	I-Butane	5,000.000	<LOQ	100.000	Isopropanol	5,000.000	<LOQ	52.300
Methanol	3,000.000	<LOQ	87.900	N-Butane	5,000.000	<LOQ	200.000	Pentane	5,000.000	<LOQ	389.500
Toluene	890.000	<LOQ	38.400								

### Heavy Metals ( Passed )

Heavy Metals ( Passed )								(ICP-MS)			
Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Arsenic (As)	500.000	<LOQ	100.000	Cadmium (Cd)	500.000	<LOQ	100.000	Lead (Pb)	500.000	<LOQ	100.000
Mercury (Hg)	500.000	<LOQ	100.000								

### Microbiology (qPCR) ( Passed )

Microbiology (qPCR) ( Passed )						(qPCR)		
Analyte	Result	LOQ	Analyte	Result	LOQ	Analyte	Result	LOQ
Total Aerobic Count	Passed		Total Coliform	Passed		Total Enterobacteriaceae	Passed	
Total Yeast/Mold	Passed							

Thomas Farrell, MD  
Lab Director

\* Total CBD = CBD + (CBD-A \* 0.877). Total THC = THCA-A \* 0.877 + Delta 9 THC, ND = <LOQ, T-Caryophyllene = Trans-Caryophyllene, <LOQ = Less Than Limit of Quantitation, QNS = Quantity Not Sufficient. (%) = Percent, (ppm) = Parts per Million, (ppb) = Parts per Billion, (µg/Kg) = Microgram per Kilogram, (mg/g) = Milligram per Gram, ppm = (µg/g), ppb = (µg/kg),

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise.

721 Cortaro Drive  
Sun City Center, FL - 33573

P: +1 (866) 762-8379  
F: +1 (813) 634-4538

E: info@acslabcannabis.com  
http://www.acslabcannabis.com

License No. 800025015  
CLIA No. 10D1094068