

EVIO Labs Portland  
14775 SW 74th Ave, Tigard, OR 97224  
503-954-2562 / OLCC 010-10046111391 / www.EVIO Labs.com

**I-RL-092319**

**Riverleaf Biotech Industries**  
**AG-R1063159IHH**

**Confident Cannabis ID:** 1910ELP0033.3778

**Sample ID:** P190889-05

**Matrix:** Extract/Concentrate

**METRC Batch #:**

**Sampling Method/SOP:** SOP.T.20.010

**Date Sampled:** 10/03/19 09:00

**Date Accepted:** 10/03/19

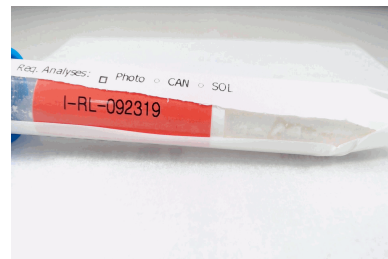
**Harvest/Process Lot ID:**

**Batch ID:**

**Batch Size:**

**Unit for Sale:**

**Harvest/Production Date:**



## Cannabinoid Analysis

Date/Time Extracted: 10/07/19 10:07

Analysis Method/SOP: SOP.T.40.023

Date/Time Analyzed: 10/08/19 18:57

Cannabinoids	LOQ(%)	mg/g	% weight	Cannabinoid Profile
<b>Total CBD</b> ((CBDA*0.877)+CBD))		<b>&gt;990</b>	<b>&gt;99%</b>	
<b>delta 9-THC</b>	0.200	<b>&lt; LOQ</b>	<b>&lt; LOQ</b>	
delta 8-THC	0.200	< LOQ	< LOQ	
THCA	0.200	< LOQ	< LOQ	
THCV-A	0.200	< LOQ	< LOQ	
THCV	0.200	< LOQ	< LOQ	
CBDA	0.200	< LOQ	< LOQ	
CBD	0.200	>990	>99%	
CBDV-A	0.200	< LOQ	< LOQ	
CBDV	0.200	3.88	0.388	
CBGA	0.200	< LOQ	< LOQ	
CBG	0.200	< LOQ	< LOQ	
CBN	0.200	< LOQ	< LOQ	
CBC	0.200	< LOQ	< LOQ	
Sum of tested Cannabinoids	0.200	>990	>99%	

"Total THC" and "Total CBD" are calculated values and are an Oregon reporting requirement (OAR 333-064-0100). For Cannabinoid analysis, only delta 9-THC, THCA, CBD, CBDA are ORELAP accredited analytes. Cannabinoid values reported for plant matter are dry weight corrected; Oregon Water Activity action level is 0.65Aw and Oregon Moisture Content action level is 15%. Samples above limit will be highlighted RED; FD = Field Duplicate; LOQ = Limit of Quantitation.  
Not for Oregon Compliance.

Kawai Medeiros  
Laboratory Manager - 10/8/2019

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Matrix: Extract/Concentrate

Date Sampled: 10/03/19 09:00

Date Accepted: 10/03/19

Batch ID:

Batch Size:

Sampling Method/SOP: SOP.T.20.010

### Residual Solvents

Analyte	LOQ	Action Level	Result	Units
<b>Butanes</b>	250	5000 <sup>3</sup>	< LOQ	ppm
n-Butane	250	5000	< LOQ	ppm
iso-Butane	250	5000	< LOQ	ppm
<b>Hexanes</b>	174	290 <sup>4</sup>	< LOQ	ppm
n-Hexane	174	290	< LOQ	ppm
2-Methylpentane	174	290	< LOQ	ppm
3-Methylpentane	174	290	< LOQ	ppm
2,2-Dimethylbutane	174	290	< LOQ	ppm
2,3-Dimethylbutane	174	290	< LOQ	ppm
<b>Pentanes</b>	1400	5000 <sup>5</sup>	< LOQ	ppm
n-Pentane	1400	5000	< LOQ	ppm
iso-Pentane	1400	5000	< LOQ	ppm
Neopentane	250	5000	< LOQ	ppm
<b>Xylenes</b>	1302	2170	< LOQ	ppm
1,2-Dimethylbenzene	1302	2170	< LOQ	ppm
1,3-Dimethylbenzene	1302	2170	< LOQ	ppm
1,4-Dimethylbenzene	1302	2170	< LOQ	ppm
Xylenes MP	1302	2170	< LOQ	ppm
Ethyl benzene	1302	NA	< LOQ	ppm
2-Propanol (IPA)	1400	5000	< LOQ	ppm
Acetone	1400	5000	< LOQ	ppm
Acetonitrile	246	410	< LOQ	ppm
Benzene	1.2	2	< LOQ	ppm
Methanol	1000	3000	< LOQ	ppm
Propane	250	5000	< LOQ	ppm
Toluene	534	890	< LOQ	ppm
Dichloromethane	360	600	< LOQ	ppm
1,4-Dioxane	228	380	< LOQ	ppm
2-Butanol	1400	5000	< LOQ	ppm
2-Ethoxyethanol	96	160	< LOQ	ppm
Cumene	42	70	< LOQ	ppm
Cyclohexane	2278	3880	< LOQ	ppm
Ethyl acetate	1400	5000	< LOQ	ppm
Ethyl ether	1400	5000	< LOQ	ppm
Ethylene glycol	558	620	< LOQ	ppm
Ethylene oxide	30	50	< LOQ	ppm
Heptane	1400	5000	< LOQ	ppm
Isopropyl acetate	1400	5000	< LOQ	ppm
Tetrahydrofuran	432	720	< LOQ	ppm
Ethanol	1400	NA <sup>7</sup>	< LOQ	ppm

Date/Time Extracted: 10/04/19 12:22

Date/Time Analyzed: 10/04/19 14:05

Analysis Method/SOP: SOP.T.40.031

**3** - Total butanes are calculated as sum of n-butanes (CAS# 106-97-8) and iso-butane (CAS# 75-28-5)

**4** - Total hexanes are calculated as sum of n-hexane (CAS# 110-54-3), 2-methylpentane (CAS# 107-83-5), 3-methylpentane (CAS# 96-14-0), 2,2-dimethylbutane (CAS# 75-83-2), 2,3-dimethylbutane (CAS# 79-29-8)

**5** - Total pentanes are calculated as sum of n-pentane (CAS# 109-66-0), iso-pentane (CAS# 78-78-4), and neo-pentane (CAS# 463-82-1)

**6** - Total xylenes are calculated as 1,2-dimethylbenzene (CAS# 95-47-6), 1,3-dimethylbenzene (CAS# 106-42-3), and 1,4-dimethylbenzene (CAS# 106-42-3)

**7** - Ethanol is not regulated under OAR-333-007-0410.

Results above the action level fail Oregon state testing requirements and will be highlighted **RED**. LOQ=Limit of Quantitation; PPM=Parts per million; ND=Not detected; NT=Not tested; AC=Above calibration range. PASS/FAIL status based on OAR 333-007. Not for Oregon compliance.



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## Quality Control

**Batch: P19I144 - SOP.T.30.050PDX Prep for Cannabinoids**

Blank(P19I144-BLK1)				Extracted: 10/07/19 10:07		Analyzed: 10/08/19 18:57	
Analyte	Result	LOQ	Recovery Limits	Analyte	Result	LOQ	Recovery Limits
THCA	< LOQ	0.200 (%)	< LOQ	delta 9-THC	< LOQ	0.200 (%)	< LOQ
CBDA	< LOQ	0.200 (%)	< LOQ	CBD	< LOQ	0.200 (%)	< LOQ
CBDV-A	< LOQ	0.200 (%)	< LOQ	CBDV	< LOQ	0.200 (%)	< LOQ
CBG	< LOQ	0.200 (%)	< LOQ	CBGA	< LOQ	0.200 (%)	< LOQ
CBN	< LOQ	0.200 (%)	< LOQ	CBC	< LOQ	0.200 (%)	< LOQ
Sum of tested Cannabinoid:	< LOQ	0.200 (%)	< LOQ				



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