



ORELAP Cert No. 4092-002
OLCC No. 1002158CD2E

**Hemp Potency Analysis by
 High Performance Liquid Chromatography**

Testing Accreditation #: 4092-002

Test Certificate #: 114537-001

Client Name, Sample Details
Black Tie CBD
 Myrtle Creek, OR 97457
Sample: AC/DC
License: AG-R1045922IHH
Type: Industrial Hemp
Method: FE58RD HPLC1100-OR1
*****Moisture:** 10.13%

Test Conditions
Scale: XS205-OR1
Temp: 21.8 °C
Baro Pressure: 1014 hPa
Analyst: HRM
Technician: EDT

Sample ID#: 114537
Lot #: R&D
Batch #: 114537
Harvest/Process Date: 01/16/2019
Date Received: 01/17/2019
Test Date: 01/23/2019

B687 640x480 2019/01/18 17:09:46



B688 640x480 2019/01/18 17:10:25



Test Compounds	CBDV	CBDA	CBD	CBC	CBG	CBN	THCA	THCV	Δ9-THC	Total Cannabinoids
Amount	N/D	18.79%	0.52%	0.11%	0.10%	N/D	0.67%	N/D	N/D	20.19%
LOQ	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	Total CBD
Uncertainty	±5% RPD	±5% RPD	±5% RPD	±5% RPD	±5% RPD	±5% RPD	±5% RPD	±5% RPD	±5% RPD	17.00%

THC = Delta-9-THC

LOQ = Limit of Quantitation

RPD is relative percent difference between the LCS and LCS duplicate.

%RPD = Relative Percent Difference; Min. Value = Minimum Detectable Amount, CFU = Colony Forming Units, N/D = Not Detected

*** Designated tests that use the method FE-45.

This sample has not been tested according to OAR 333-007. These results should therefore be used for research and development or quality control purposes only.

This certificate shall not be reproduced except in full, without written approval of Iron Laboratories, LLC.

Joseph Rutkowski, Quality Manager



Himashi Mead, Technical Manager

Iron Labs Oregon complies with 2009 TNI Environmental Laboratory Standards.

Tested by Iron Laboratories Oregon, 71 Centennial Loop Suite D Eugene, OR 97401