

Summary

Certificate Of Analysis (COA)

Brand: Alternate Vape
Product: Kush Vape Oil
Size: 0.5oz, 500mg CBD

Weight: 14.5 grams
Lot #: FG002882

The lab test results on the next page display the cannabinoid profile in the following format: milligrams per gram (mg/gram).

A quick calculation is required to understand the total cannabinoids in the full product: **Results (mg/gram) x Product Weight (grams)**.

The product weight is listed above and lab results are on the next page.

For your convenience, the calculation has been done for you below.

Total Cannabinoids*
687.3mg

* Total Cannabinoids is the calculated total amount of cannabinoids in the finished product. This value is found by multiplying the Total Cannabinoids (milligram per gram) from the lab test results (next page) by the total weight (grams) of the finished product.

This summary is an easy-to-read representation of the lab test results. All information is provided by the manufacturer. For actual lab test results from Gobi, please go to the next page.

Actual lab test results on next page



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

Testing Accreditation #: 4092-002

Test Certificate #: 119267-001

Client Name, Sample Details
MHR Brands
 Jenison, MI 49428
Sample: 082219G
Type: Other Cannabinoid Product
Method: FE04U HPLC-UV

Test Conditions
Scale: XS205-OR1
Temp: 20.8 °C
Baro Pressure: 1001 hPa
Analyst: HRM
Technician: EDT

Sample ID#: 119267
Lot #: 082219G
Batch #: 119267
Harvest/Process Date: 08/22/2019
Serving Size (g): 0.1
Date Received: 08/28/2019
Test Date: 09/04/2019



Test Compounds	THC	THCA	CBD	CBDA	CBN	CBG	CBC	THCV*	CBDV	Total Cannabinoids*	Total THC	Total CBD	Calc Max Total Cannabinoids*
Amount (%)	N/D	N/D	4.22	N/D	N/D	N/D	0.45	N/D	0.07	4.74	0.00	4.22	4.22
Amount (mg/g)	N/D	N/D	42.19	N/D	N/D	N/D	4.51	N/D	0.70	47.4	0.00	42.19	47.40
Amount per Serving (mg)	N/D	N/D	4.22	N/D	N/D	N/D	0.45	N/D	0.07	4.74	Serving Size~ (g):		0.10
LOQ (mg/g)	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02		%Decarb.	THC	CBD
±%RPD	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%			N/A	100

LOQ = Limit of Quantitation; %RPD = Relative Percent Deviation; %RSD = Relative Standard Deviation; N/D = Not Detected

*Designates values that are not currently included in the accredited scope of Iron Laboratories.

*** Designates tests that use the method FE-45. FE-45 is performed using AOAC 966.02 and 32.004-32.009. FE-45 has relative expanded (k=2) uncertainties of 1.098% for moisture, 1.754% for water activity for unprocessed plant materials, and 13.102% for water activity for infused products. Vitamin E acetate analysis has a relative expanded (k=2) uncertainty of 18.614%.

Total THC and CBD is the calculated sum of THC or CBD and the amount of THC or CBD derived from THCA or CBDA, respectively. These values are calculated by applying a molar correction factor of 0.877 to the THCA or the CBDA value. Calc Max Total Cannabinoids is the sum of Total THC, Total CBD, CBN, CBG, CBC, THCV, and CBDV.

%Decarb. THC and CBD refer to the percentage of THC or CBD relative to THCA or CBDA, respectively.

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.

Himashi Mead, Technical Manager



Joseph Rutkowski, Quality Manager

Iron Labs Oregon complies with 2009 TNI Environmental Laboratory Standards.

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