

Customer:

Happy Gardens

Customer Sample ID:

011287

Laboratory Number:

20L0076-02

Density:

0.9736



Extraction Analysis
Date(s) Date(s)

12/4/2020 12/4/2020

Extraction Technician: DF Analytical Chemist: CB

Cannabinoids (HPLC)		Results	
	LOD (mg/mL)	%	mg/mL
Cannabidivarin (CBDV)		0.10	1.02
Cannabidiolic Acid (CBD-A)	<0.20		
Cannabigerolic Acid (CBG-A)	<0.20		
Cannabigerol (CBG)		0.14	1.42
Cannabidiol (CBD)		21.22	212
Tetrahydrocannabivarin (THCV)	<0.20		143
Cannabinol (CBN)		0.16	1.61
delta 9-Tetrahydrocannabinol (THC)		0.17	1.73
delta 8-Tetrahydrocannabidol	<0.20		
Cannabichromene (CBC)		0.25	2.50
delta-9-Tetrahydrocannabinolic Acid (THC-A)	<0.20		72.5/125.05
Cannabinoids Total		%	mg/mL
Max Active THC		0.17	1.73
Max Active CBD		21.20	212.00
T.Active Cannabinoids		21.90	219.00
Total Cannabinoids		22.00	220.00

Following USDA guidelines on uncertainty, Altitude Consulting's uncertainty are calculated for CBDa and CBD at +/- 4%. The uncertainty for THCa and THC are +/- 5%. This implies the range for a 10% value of CBD to be 9.6-10.4%. The uncertainty range for a 0.30% value of THC would be 0.28-0.32%. The measurement uncertainty is calculated using a coverage factor of 2.

Cannabinoid (mg/mL)



Reporting Limits will vary based on sample extraction weight used for the analysis.

Altitude Consulting, LLC utilizes NIST traceable Reference Standards and Certified Reference Material to calibrate analytical instruments along with proven analytical methods.

The methods are applied in the most ethical manner following good laboratory practice guidelines. The results of this report are based solely on the sample submitted and cannot be reproduced.