



Customer: Alpine
 Customer Sample ID: D8 Kief Joint
 Laboratory Number: 20K0024-01



Cannabinoid Profile

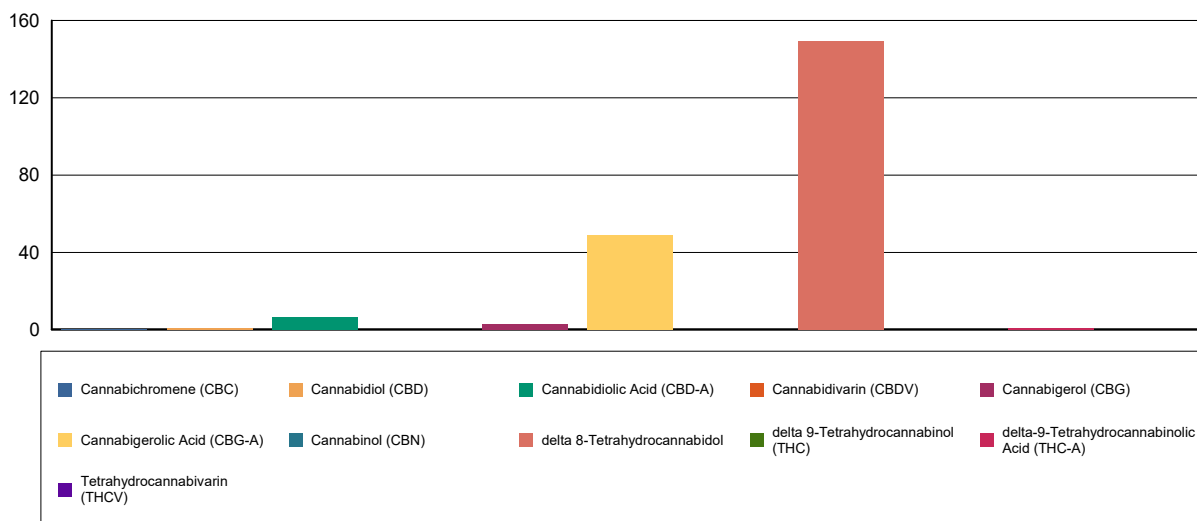
Extraction Technician: DF
 Analytical Chemist: CB

Extraction Date(s)	Analysis Date(s)
11/2/2020	11/3/2020

Cannabinoids (HPLC)		Results	
	LOD (mg/g)	%	mg/g
Cannabidiol (CBD)		0.005	0.055
Cannabidiolic Acid (CBD-A)		0.66	6.59
Cannabigerolic Acid (CBG-A)		4.89	48.9
Cannabigerol (CBG)		0.27	2.73
Cannabidiol (CBD)		0.12	1.15
Tetrahydrocannabivarin (THCV)	<0.020		
Cannabinol (CBN)	<0.020		
delta 9-Tetrahydrocannabinol (THC)	<0.020		
delta 8-Tetrahydrocannabinol		14.92	149
Cannabichromene (CBC)		0.06	0.563
delta-9-Tetrahydrocannabinolic Acid (THC-A)		0.08	0.787
Cannabinoids Total		%	mg/g
Max Active THC		0.07	0.69
Max Active CBD		0.70	6.93
T.Active Cannabinoids		0.45	4.45
Total Cannabinoids		21.00	210.00

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/g)



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.