Altitude Consulting

M&D FARMS

Customer: M&D Farms

Customer Sample ID: 25mg Full Spectrum Melatonin

Laboratory Number: 20K0424-08

Servings per Container: 0.4291

Cannabinoid Profile

Extraction Technician: DF
Analytical Chemist: SH

Extraction Date(s)	Analysis Date(s)
11/20/2020	11/21/2020

Cannabinoids (HPLC)	Results			
	LOD (mg/g)	%	mg/g	mg/capsule
Cannabidivarin (CBDV)		0.05	0.509	0.219
Cannabidiolic Acid (CBD-A)	<0.020			
Cannabigerolic Acid (CBG-A)	<0.020			
Cannabigerol (CBG)		0.03	0.342	0.147
Cannabidiol (CBD)		5.22	52.2	22.4
Tetrahydrocannabivarin (THCV)	<0.020			
Cannabinol (CBN)		0.02	0.185	0.079
delta 9-Tetrahydrocannabinol (THC)		0.07	0.701	0.301
delta 8-Tetrahydrocannabidol	<0.020			
Cannabichromene (CBC)		0.20	2.02	0.865
delta-9-Tetrahydrocannabinolic Acid (THC-A)	<0.020			

Cannabinoids Total	%	mg/g
Max Active THC	0.07	0.70
Max Active CBD	5.22	52.20
T.Active Cannabinoids	5.54	55.40
Total Cannabinoids	5.59	55.90

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.

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