



Customer: M&D Farms
Customer Sample ID: 100mg Full Spectrum Melatonin
Laboratory Number: 20K0424-11
Servings per Container: 0.4727



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
Cannabidiol (CBD)		21.58	216	102
Cannabidiolol (CBDV)		0.20	1.96	0.926
Cannabidiolic Acid (CBD-A)	<0.020			
Cannabigerolic Acid (CBG-A)		0.002	0.019	0.00878
Cannabigerol (CBG)		0.06	0.590	0.279
Tetrahydrocannabivarin (THCV)	<0.020			
Cannabinol (CBN)		0.04	0.367	0.174
delta 9-Tetrahydrocannabinol (THC)		0.14	1.45	0.685
delta 8-Tetrahydrocannabidol	<0.020			
Cannabichromene (CBC)		0.41	4.13	1.95
delta-9-Tetrahydrocannabinolic Acid (THC-A)	<0.020			
Cannabinoids Total		%	mg/g	
Max Active THC		0.15	1.45	
Max Active CBD		21.60	216.00	
T.Active Cannabinoids		22.20	222.00	
Total Cannabinoids		22.40	224.00	

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)



■ Cannabichromene (CBC)	■ Cannabidiol (CBD)	■ Cannabidiolic Acid (CBD-A)	■ Cannabidiolol (CBDV)	■ Cannabigerol (CBG)
■ Cannabigerolic Acid (CBG-A)	■ Cannabinol (CBN)	■ delta 8-Tetrahydrocannabidol	■ delta 9-Tetrahydrocannabinol (THC)	■ delta-9-Tetrahydrocannabinolic Acid (THC-A)
■ Tetrahydrocannabivarin (THCV)				

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.