



**Customer:** Premier US Hemp  
**Customer Sample ID:** Premier US Hemp Topical Relief Extra Strength 500mg  
**Laboratory Number:** 20F0227-01



## Cannabinoid Profile

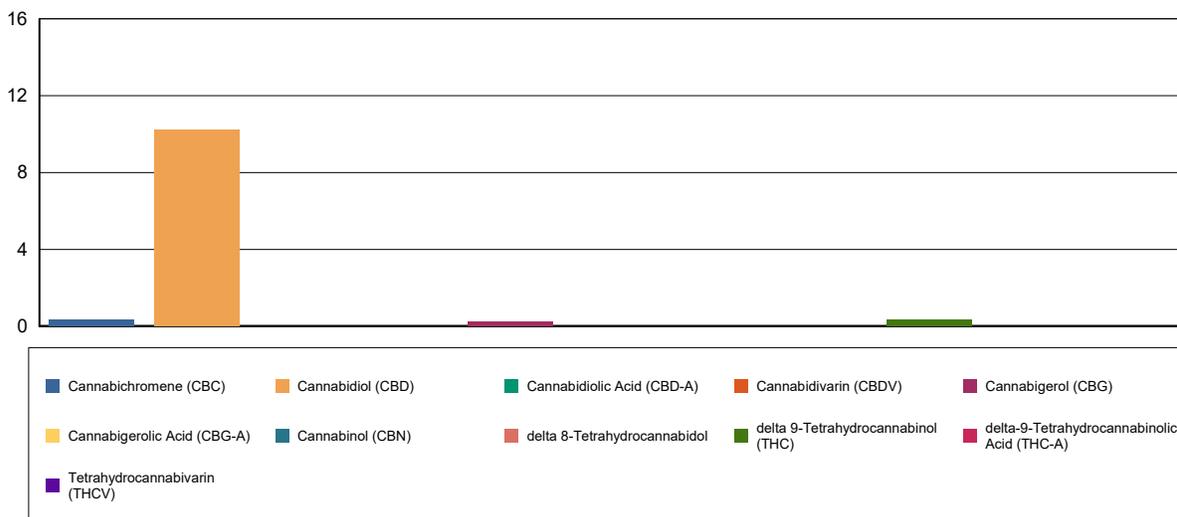
**Extraction Technician:** DF  
**Analytical Chemist:** CB

Extraction Date(s)	Analysis Date(s)
6/22/2020	6/23/2020

Cannabinoids (HPLC)		Results	
	LOD (mg/g)	%	mg/g
Cannabidiarin (CBDV)	<0.040		
Cannabidiolic Acid (CBD-A)	<0.040		
Cannabigerolic Acid (CBG-A)	<0.040		
Cannabigerol (CBG)		0.02	0.224
Cannabidiol (CBD)		1.02	10.2
Tetrahydrocannabivarin (THCV)	<0.040		
Cannabinol (CBN)	<0.040		
delta 9-Tetrahydrocannabinol (THC)		0.04	0.359
delta 8-Tetrahydrocannabidol	<0.040		
Cannabichromene (CBC)		0.03	0.343
delta-9-Tetrahydrocannabinolic Acid (THC-A)	<0.040		
Cannabinoids Total		%	mg/g
Max Active THC		0.04	0.36
Max Active CBD		1.02	10.20
T.Active Cannabinoids		1.12	11.20
Total Cannabinoids		1.12	11.20

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%.

### 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.



**Customer:** Premier US Hemp  
**Customer Sample ID:** Premier US Hemp Topical Relief Extra Strength 1000mg  
**Laboratory Number:** 20F0227-02



# Cannabinoid Profile

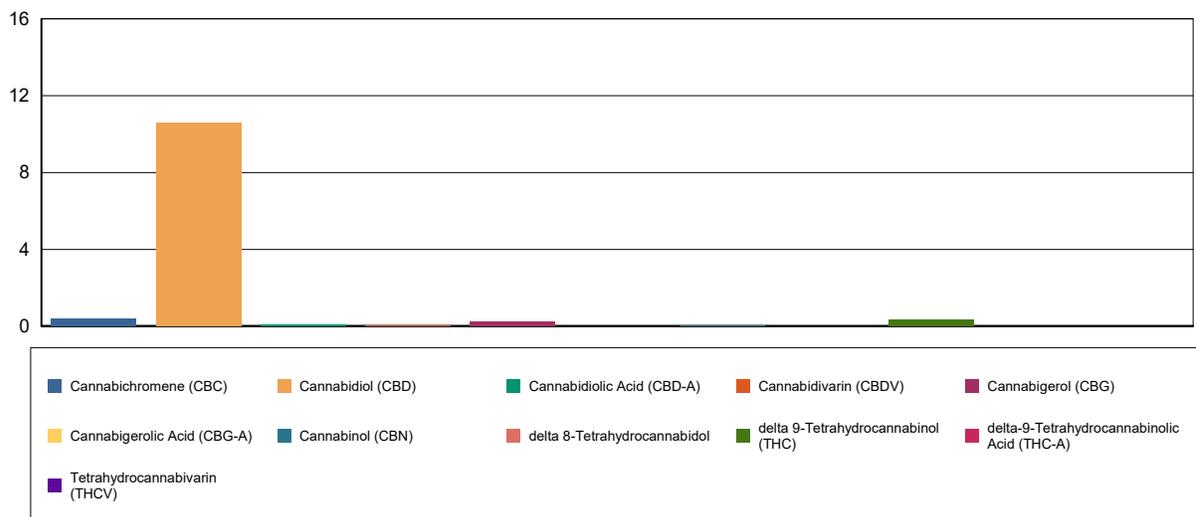
**Extraction Technician:** DF  
**Analytical Chemist:** CB

Extraction Date(s)	Analysis Date(s)
6/22/2020	6/23/2020

Cannabinoids (HPLC)		Results	
	LOD (mg/g)	%	mg/g
Cannabidiol (CBD)		1.06	10.6
Cannabidiol (CBD)		1.06	10.6
Cannabidiolic Acid (CBD-A)		0.01	0.097
Cannabigerolic Acid (CBG-A)	<0.050		
Cannabigerol (CBG)		0.03	0.257
Tetrahydrocannabivarin (THCV)	<0.050		
Cannabinol (CBN)		0.005	0.047
delta 9-Tetrahydrocannabinol (THC)		0.04	0.358
delta 8-Tetrahydrocannabinol	<0.050		
Cannabichromene (CBC)		0.04	0.389
delta-9-Tetrahydrocannabinolic Acid (THC-A)	<0.050		
<b>Cannabinoids Total</b>		<b>%</b>	<b>mg/g</b>
Max Active THC		0.04	0.36
Max Active CBD		1.07	10.68
T.Active Cannabinoids		1.16	11.60
Total Cannabinoids		1.18	11.80

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%.

## Cannabinoid (mg/g)



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Customer: **Premier US Hemp**  
 Customer Sample ID: **Premier US Hemp Topical Relief Gold 500mg**  
 Laboratory Number: **20F0227-03**



## Cannabinoid Profile

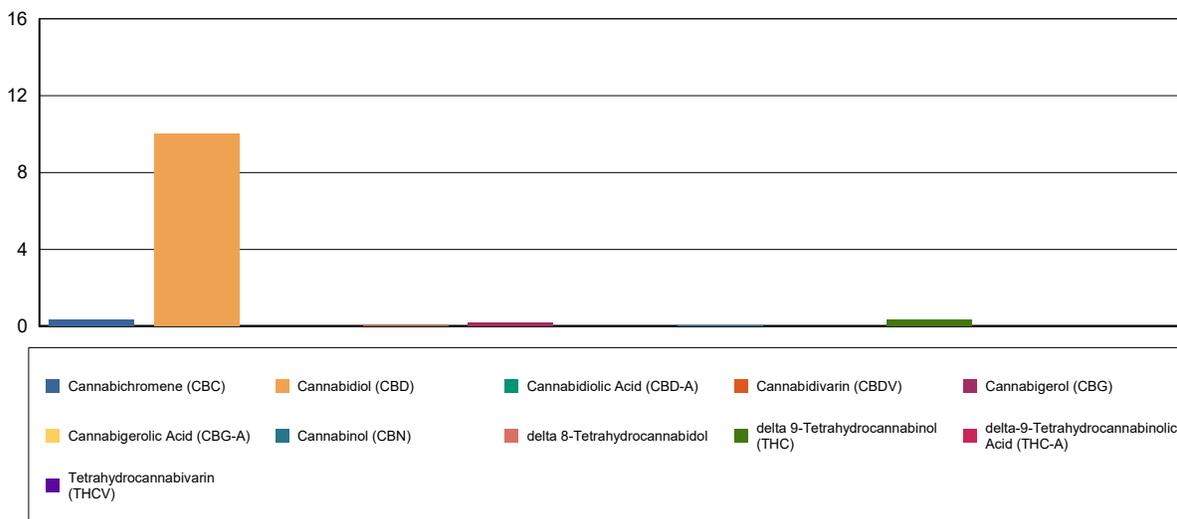
Extraction Technician: DF  
 Analytical Chemist: CB

Extraction Date(s)	Analysis Date(s)
6/22/2020	6/23/2020

Cannabinoids (HPLC)		Results	
	LOD (mg/g)	%	mg/g
Cannabidivarin (CBDV)		0.006	0.057
Cannabidiolic Acid (CBD-A)	<0.040		
Cannabigerolic Acid (CBG-A)	<0.040		
Cannabigerol (CBG)		0.02	0.179
Cannabidiol (CBD)		1.00	10.0
Tetrahydrocannabivarin (THCV)	<0.040		
Cannabinol (CBN)		0.006	0.062
delta 9-Tetrahydrocannabinol (THC)		0.03	0.343
delta 8-Tetrahydrocannabinol	<0.040		
Cannabichromene (CBC)		0.04	0.351
delta-9-Tetrahydrocannabinolic Acid (THC-A)	<0.040		
Cannabinoids Total		%	mg/g
Max Active THC		0.03	0.34
Max Active CBD		1.00	10.00
T.Active Cannabinoids		1.09	10.90
Total Cannabinoids		1.10	11.00

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%.

### Cannabinoid (mg/g)



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

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