



12423 NE Whitaker Way
 Portland, OR 97230
 503-254-1794

Report Number: 23-005006/D002.R000
Report Date: 05/03/2023
ORELAP#: OR100028
Purchase Order:
Received: 04/25/23 12:45

Customer: USA Hemp
Product identity: 1500mg Delta Blend TD15MF02FS02
Project Number: MF902FS02
Client/Metric ID: Container Size: 30grams
Laboratory ID: 23-005006-0001

Summary

Potency:

Analyte per 30g	Result	Limits	Units	Status	
CBC per 30g	41.7		mg/30g		CBD-Total per Serving Size 834 mg/30g
CBD per 30g	834		mg/30g		
CBDV per 30g	5.04		mg/30g		THC-Total per Serving Size 819 mg/30g
CBE per 30g	51.6		mg/30g		
CBG per 30g	18.6		mg/30g		CBD-Total per Serving Size 27.8 mg/1g
CBL per 30g	2.48		mg/30g		
CBN per 30g	14.2		mg/30g		THC-Total per Serving Size 27.3 mg/1g
CBT per 30g	13.3		mg/30g		
Δ9-THC per 30g	819		mg/30g		(Reported in milligrams per serving)
Analyte per 1g	Result	Limits	Units	Status	
CBC per 1g	1.39		mg/1g		
CBD per 1g	27.8		mg/1g		
CBDV per 1g	0.168		mg/1g		
CBE per 1g	1.72		mg/1g		
CBG per 1g	0.619		mg/1g		
CBL per 1g	0.0825		mg/1g		
CBN per 1g	0.472		mg/1g		
CBT per 1g	0.444		mg/1g		
Δ9-THC per 1g	27.3		mg/1g		

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Terpenes:

Analyte	Percent by weight	Percent of Total	Analyte	Percent by weight	Percent of Total
a-Bisabolol	0.0297	100.00%	Total Terpenes	0.0297	100.00%

Metals:

Less than LOQ for all analytes.



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Customer: USA Hemp
Product identity: 1500mg Delta Blend TD15MF02FS02
Project Number: MF902FS02
Client/Metric ID: Container Size: 30grams
Sample Date:
Laboratory ID: 23-005006-0001
Evidence of Cooling: No
Temp: 20 °C
Relinquished by: USPS
Serving Size #1: 30 g
Serving Size #2: 1 g

Sample Results

Potency per 30g					
Method: J AOAC 2015 V98-6 (mod) ^b		Units mg/se		Batch: 2306791	
				Analyze: 4/26/23 10:19:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 30g	41.7		mg/30g	0.968	
CBC-A per 30g	< LOQ		mg/30g	0.0323	
CBC-Total per 30g	41.7		mg/30g	1.82	
CBD per 30g	834		mg/30g	9.68	
CBD-A per 30g	< LOQ		mg/30g	0.0323	
CBD-Total per 30g	834		mg/30g	10.5	
CBDV per 30g	5.04		mg/30g	0.968	
CBDV-A per 30g	< LOQ		mg/30g	0.0323	
CBDV-Total per 30g	5.04		mg/30g	1.81	
CBE per 30g	51.6		mg/30g	0.968	
CBG per 30g	18.6		mg/30g	0.968	
CBG-A per 30g	< LOQ		mg/30g	0.0323	
CBG-Total per 30g	18.6		mg/30g	1.81	
CBL per 30g	2.48		mg/30g	0.968	
CBL-A per 30g	< LOQ		mg/30g	0.968	
CBL-Total per 30g	3.13		mg/30g	1.82	
CBN per 30g	14.2		mg/30g	0.968	
CBT per 30g	13.3		mg/30g	0.968	
Δ8-THCV per 30g	< LOQ		mg/30g	0.0323	
Δ10-THC-9R per 30g	< LOQ		mg/30g	0.0323	
Δ10-THC-9S per 30g	< LOQ		mg/30g	0.0323	
Δ10-THC-Total per 30g	< LOQ		mg/30g	0.0645	
Δ8-THC per 30g	< LOQ		mg/30g	0.0323	
Δ9-THC per 30g	819		mg/30g	9.68	
exo-THC per 30g	< LOQ		mg/30g	0.0323	
THC-A per 30g	< LOQ		mg/30g	0.0323	
THC-Total per 30g	819		mg/30g	10.5	
THCV per 30g	< LOQ		mg/30g	0.0323	
THCV-A per 30g	< LOQ		mg/30g	0.0323	
THCV-Total per 30g	< LOQ		mg/30g	0.0606	



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Potency per 30g **Method:** J AOAC 2015 V98-6 (mod)^b **Units** mg/se **Batch:** 2306791 **Analyze:** 4/26/23 10:19:00 PM

Analyte	Result	Limits	Units	LOQ	Notes
Total Cannabinoids per 30g	1800		mg/30g		

Potency per 1g **Method:** J AOAC 2015 V98-6 (mod)^b **Units** mg/se **Batch:** 2306791 **Analyze:** 4/26/23 10:19:00 PM

Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1g	1.39		mg/1g	0.0323	
CBC-A per 1g	< LOQ		mg/1g	0.0323	
CBC-Total per 1g	1.39		mg/1g	0.0606	
CBD per 1g	27.8		mg/1g	0.323	
CBD-A per 1g	< LOQ		mg/1g	0.0323	
CBD-Total per 1g	27.8		mg/1g	0.351	
CBDV per 1g	0.168		mg/1g	0.0323	
CBDV-A per 1g	< LOQ		mg/1g	0.0323	
CBDV-Total per 1g	0.168		mg/1g	0.0602	
CBE per 1g	1.72		mg/1g	0.0323	
CBG per 1g	0.619		mg/1g	0.0323	
CBG-A per 1g	< LOQ		mg/1g	0.0323	
CBG-Total per 1g	0.619		mg/1g	0.0602	
CBL per 1g	0.0825		mg/1g	0.0323	
CBL-A per 1g	< LOQ		mg/1g	0.0323	
CBL-Total per 1g	0.104		mg/1g	0.0606	
CBN per 1g	0.472		mg/1g	0.0323	
CBT per 1g	0.444		mg/1g	0.0323	
Δ8-THCV per 1g	< LOQ		mg/1g	0.0323	
Δ10-THC-9R per 1g	< LOQ		mg/1g	0.0323	
Δ10-THC-9S per 1g	< LOQ		mg/1g	0.0323	
Δ8-THC per 1g	< LOQ		mg/1g	0.0323	
Δ9-THC per 1g	27.3		mg/1g	0.323	
exo-THC per 1g	< LOQ		mg/1g	0.0323	
THC-A per 1g	< LOQ		mg/1g	0.0323	
THC-Total per 1g	27.3		mg/1g	0.351	
THCV per 1g	< LOQ		mg/1g	0.0323	
THCV-A per 1g	< LOQ		mg/1g	0.0323	
THCV-Total per 1g	< LOQ		mg/1g	0.0606	
Total Cannabinoids per 1g	60.0		mg/1g		



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Solvents											
Method: Residual Solvents by GC/MS ^b											
Units $\mu\text{g/g}$ Batch 2306903 Analyze 05/02/23 09:50 AM											
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
1,4-Dioxane	< LOQ	380	100	pass		2-Butanol	< LOQ	5000	200	pass	
2-Ethoxyethanol	< LOQ	160	30.0	pass		2-Methylbutane (Isopentane)	< LOQ		200		
2-Methylpentane	< LOQ		30.0			2-Propanol (IPA)	< LOQ	5000	200	pass	
2,2-Dimethylbutane	< LOQ		30.0			2,2-Dimethylpropane (neo-pentane)	< LOQ		200		
2,3-Dimethylbutane	< LOQ		30.0			3-Methylpentane	< LOQ		30.0		
Acetone	< LOQ	5000	200	pass		Acetonitrile	< LOQ	410	100	pass	
Benzene	< LOQ	2.00	1.00	pass		Butanes (sum)	< LOQ	5000	400	pass	
Cyclohexane	< LOQ	3880	200	pass		Ethyl acetate	< LOQ	5000	200	pass	
Ethyl benzene	< LOQ		200			Ethyl ether	< LOQ	5000	200	pass	
Ethylene glycol	< LOQ	620	200	pass		Ethylene oxide	< LOQ	50.0	20.0	pass	
Hexanes (sum)	< LOQ	290	150	pass		Isopropyl acetate	< LOQ	5000	200	pass	
Isopropylbenzene (Cumene)	< LOQ	70.0	30.0	pass		m,p-Xylene	< LOQ		200		
Methanol	< LOQ	3000	200	pass		Methylene chloride	< LOQ	600	60.0	pass	
Methylpropane (Isobutane)	< LOQ		200			n-Butane	< LOQ		200		
n-Heptane	< LOQ	5000	200	pass		n-Hexane	< LOQ		30.0		
n-Pentane	< LOQ		200			o-Xylene	< LOQ		200		
Pentanes (sum)	< LOQ	5000	600	pass		Propane	< LOQ	5000	200	pass	
Tetrahydrofuran	< LOQ	720	100	pass		Toluene	< LOQ	890	100	pass	
Total Xylenes	< LOQ		400			Total Xylenes and Ethyl benzene	< LOQ	2170	600	pass	



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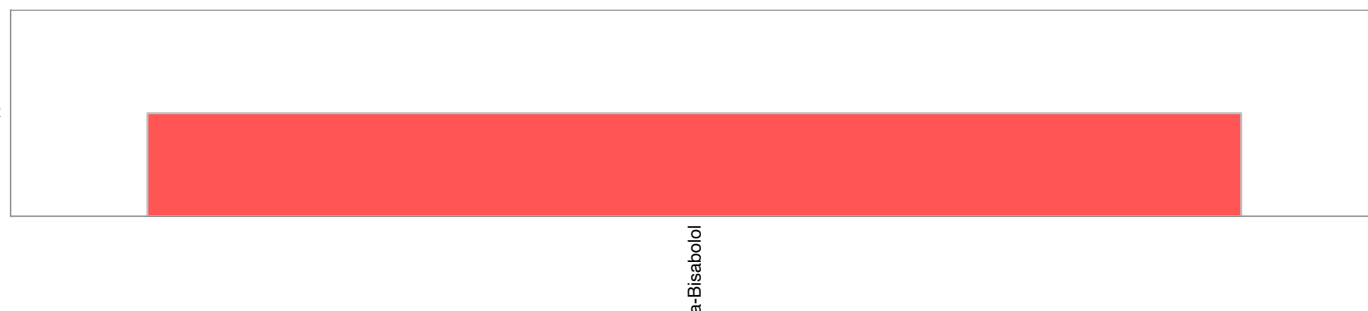
Pesticides											
Method: AOAC 2007.01 & EN 15662 (mod) ^b											
Units mg/kg Batch 2306806 Analyze 04/28/23 06:52 AM											
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin [¥]	< LOQ	0.50	0.250	pass		Acephate [¥]	< LOQ	0.40	0.200	pass	
Acequinocyl [¥]	< LOQ	2.0	1.00	pass		Acetamiprid [¥]	< LOQ	0.20	0.100	pass	
Aldicarb [¥]	< LOQ	0.40	0.200	pass		Azoxystrobin [¥]	< LOQ	0.20	0.100	pass	
Bifentazate [¥]	< LOQ	0.20	0.100	pass		Bifenthrin [¥]	< LOQ	0.20	0.100	pass	
Boscalid [¥]	< LOQ	0.40	0.200	pass		Carbaryl [¥]	< LOQ	0.20	0.100	pass	
Carbofuran [¥]	< LOQ	0.20	0.100	pass		Chlorantraniliprole [¥]	< LOQ	0.20	0.100	pass	
Chlorfenapyr [¥]	< LOQ	1.0	0.500	pass		Chlorpyrifos [¥]	< LOQ	0.20	0.100	pass	
Clofentezine [¥]	< LOQ	0.20	0.100	pass		Cyfluthrin [¥]	< LOQ	1.0	0.500	pass	
Cypermethrin [¥]	< LOQ	1.0	0.500	pass		Daminozide [¥]	< LOQ	1.0	0.500	pass	
Diazinon [¥]	< LOQ	0.20	0.100	pass		Dichlorvos [¥]	< LOQ	1.0	0.500	pass	
Dimethoate [¥]	< LOQ	0.20	0.100	pass		Ethoprophos [¥]	< LOQ	0.20	0.100	pass	
Etofenprox [¥]	< LOQ	0.40	0.200	pass		Etoxazole [¥]	< LOQ	0.20	0.100	pass	
Fenoxycarb [¥]	< LOQ	0.20	0.100	pass		Fenpyroximate [¥]	< LOQ	0.40	0.200	pass	
Fipronil [¥]	< LOQ	0.40	0.200	pass		Flonicamid [¥]	< LOQ	1.0	0.400	pass	
Fludioxonil [¥]	< LOQ	0.40	0.200	pass		Hexythiazox [¥]	< LOQ	1.0	0.400	pass	
Imazali [¥]	< LOQ	0.20	0.100	pass		Imidacloprid [¥]	< LOQ	0.40	0.200	pass	
Kresoxim-methyl [¥]	< LOQ	0.40	0.200	pass		Malathion [¥]	< LOQ	0.20	0.100	pass	
Metalaxyl [¥]	< LOQ	0.20	0.100	pass		Methiocarb [¥]	< LOQ	0.20	0.100	pass	
Methomyl [¥]	< LOQ	0.40	0.200	pass		MGK-264 [¥]	< LOQ	0.20	0.100	pass	
Myclobutanil [¥]	< LOQ	0.20	0.100	pass		Naled [¥]	< LOQ	0.50	0.250	pass	
Oxamyl [¥]	< LOQ	1.0	0.500	pass		Paclobotrazole [¥]	< LOQ	0.40	0.200	pass	
Parathion-Methyl [¥]	< LOQ	0.20	0.100	pass		Permethrin [¥]	< LOQ	0.20	0.100	pass	
Phosmet [¥]	< LOQ	0.20	0.100	pass		Piperonyl butoxide [¥]	< LOQ	2.0	1.00	pass	
Prallethrin [¥]	< LOQ	0.20	0.100	pass		Propiconazole [¥]	< LOQ	0.40	0.200	pass	
Propoxur [¥]	< LOQ	0.20	0.100	pass		Pyrethrin I (total) [¥]	< LOQ	1.0	0.500	pass	
Pyridaben [¥]	< LOQ	0.20	0.100	pass		Spinosad [¥]	< LOQ	0.20	0.100	pass	
Spiromesifen [¥]	< LOQ	0.20	0.100	pass		Spirotetramat [¥]	< LOQ	0.20	0.100	pass	
Spiroxamine [¥]	< LOQ	0.40	0.200	pass		Tebuconazole [¥]	< LOQ	0.40	0.200	pass	
Thiacloprid [¥]	< LOQ	0.20	0.100	pass		Thiamethoxam [¥]	< LOQ	0.20	0.100	pass	
Trifloxystrobin [¥]	< LOQ	0.20	0.100	pass							



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Terpenes				Method: J AOAC 2015 V98-6	Units %	Batch 2306784	Analyze 04/26/23 09:06 PM		
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
a-Bisabolol	0.0297	0.018	100.0000%		Geranyl acetate	< LOQ	0.018	0.00%	
a-cedrene	< LOQ	0.018	0.00%		β-Caryophyllene	< LOQ	0.018	0.00%	
Humulene	< LOQ	0.018	0.00%		(-)-Guaiol	< LOQ	0.018	0.00%	
(-)-caryophyllene oxide	< LOQ	0.018	0.00%		(±)-trans-Nerolidol	< LOQ	0.018	0.00%	
Geraniol	< LOQ	0.018	0.00%		valencene	< LOQ	0.018	0.00%	
(-)-a-Terpineol	< LOQ	0.018	0.00%		(-)-Isopulegol	< LOQ	0.018	0.00%	
(-)-β-Pinene	< LOQ	0.018	0.00%		(+)-Borneol	< LOQ	0.018	0.00%	
(+)-Cedrol	< LOQ	0.018	0.00%		(+)-fenchol	< LOQ	0.018	0.00%	
(+)-Pulegone	< LOQ	0.018	0.00%		(±)-Camphor	< LOQ	0.018	0.00%	
(±)-cis-Nerolidol	< LOQ	0.018	0.00%		(±)-fenchone	< LOQ	0.018	0.00%	
(R)-(+)-Limonene	< LOQ	0.018	0.00%		a-phellandrene	< LOQ	0.018	0.00%	
a-pinene	< LOQ	0.018	0.00%		a-Terpinene	< LOQ	0.018	0.00%	
Camphene	< LOQ	0.018	0.00%		cis-β-Ocimene	< LOQ	0.006	0.00%	
d-3-Carene	< LOQ	0.018	0.00%		Eucalyptol	< LOQ	0.018	0.00%	
farnesene	< LOQ	0.018	0.00%		gamma-Terpinene	< LOQ	0.018	0.00%	
Isoborneol	< LOQ	0.018	0.00%		Linalool	< LOQ	0.018	0.00%	
Menthol	< LOQ	0.018	0.00%		nerol	< LOQ	0.018	0.00%	
p-Cymene	< LOQ	0.018	0.00%		Sabinene	< LOQ	0.018	0.00%	
Sabinene hydrate	< LOQ	0.018	0.00%		β-Myrcene	< LOQ	0.018	0.00%	
Terpinolene	< LOQ	0.018	0.00%		trans-β-Ocimene	< LOQ	0.012	0.00%	
Total Terpenes	0.0297								



Metals								
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Arsenic [¥]	< LOQ	0.200	mg/kg	0.0945	2306795	04/27/23 AOAC 2013.06 (mod.) ^P	pass	
Cadmium [¥]	< LOQ	0.200	mg/kg	0.0945	2306795	04/27/23 AOAC 2013.06 (mod.) ^P	pass	
Lead [¥]	< LOQ	0.500	mg/kg	0.0945	2306795	04/27/23 AOAC 2013.06 (mod.) ^P	pass	
Mercury [¥]	< LOQ	0.100	mg/kg	0.0472	2306795	04/27/23 AOAC 2013.06 (mod.) ^P	pass	



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Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

Ⓟ = ISO/IEC 17025:2017 accredited method.

Ⓜ = TNI accredited analyte.

Units of Measure

g = g

μg/g = Microgram per gram

mg/kg = Milligram per kilogram = parts per million (ppm)

mg/30g = Milligram per 30g

mg/1g = Milligram per 1g

% = Percentage of sample

% wt = μg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager