



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

**Report Number:** 23-005005/D004.R000  
**Report Date:** 05/03/2023  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 04/25/23 12:45

**Customer:** USA Hemp  
**Product identity:** 3000mg Isolate TI30FSCO1201  
**Project Number:** NVEI1201  
**Client/Metric ID:** Container Size: 30grams  
**Laboratory ID:** 23-005005-0001

### Summary

**Potency:**

Analyte per 30g	Result	Limits	Units	Status	
CBD per 30g	3090		mg/30g		CBD-Total per Serving Size 3090 mg/30g
CBG per 30g	50.7		mg/30g		
Analyte per 1g	Result	Limits	Units	Status	
CBD per 1g	103		mg/1g		THC-Total per Serving Size <LOQ
CBG per 1g	1.69		mg/1g		CBD-Total per Serving Size 103 mg/1g
					THC-Total per Serving Size <LOQ
(Reported in milligrams per serving)					

**Residual Solvents:**

*All analytes passing and less than LOQ.*

**Pesticides:**

*All analytes passing and less than LOQ.*

**Terpenes:**

*Less than LOQ for all analytes.*

**Metals:**

*Less than LOQ for all analytes.*



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**Customer:** USA Hemp  
**Product identity:** 3000mg Isolate TI30FSCO1201  
**Project Number:** NVEI1201  
**Client/Metric ID:** Container Size: 30grams  
**Sample Date:**  
**Laboratory ID:** 23-005005-0001  
**Evidence of Cooling:** No  
**Temp:** 20.0  
**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) <sup>b</sup>		Units mg/se		Batch: 2306782	
				Analyze: 4/26/23 10:59:00 PM	
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 30g	< LOQ		mg/30g	0.714	
CBC-A per 30g	< LOQ		mg/30g	0.714	
CBC-Total per 30g	< LOQ		mg/30g	1.34	
CBD per 30g	3090		mg/30g	21.4	
CBD-A per 30g	< LOQ		mg/30g	0.714	
CBD-Total per 30g	3090		mg/30g	40.2	
CBDV per 30g	< LOQ		mg/30g	21.4	
CBDV-A per 30g	< LOQ		mg/30g	0.714	
CBDV-Total per 30g	< LOQ		mg/30g	40.0	
CBE per 30g	< LOQ		mg/30g	0.714	
CBG per 30g	50.7		mg/30g	21.4	
CBG-A per 30g	< LOQ		mg/30g	0.714	
CBG-Total per 30g	50.7		mg/30g	40.0	
CBL per 30g	< LOQ		mg/30g	0.714	
CBL-A per 30g	< LOQ		mg/30g	0.714	
CBL-Total per 30g	< LOQ		mg/30g	1.34	
CBN per 30g	< LOQ		mg/30g	0.714	
CBT per 30g	< LOQ		mg/30g	0.714	
Δ8-THCV per 30g	< LOQ		mg/30g	0.714	
Δ10-THC-9R per 30g	< LOQ		mg/30g	0.714	
Δ10-THC-9S per 30g	< LOQ		mg/30g	0.714	
Δ10-THC-Total per 30g	< LOQ		mg/30g	1.43	
Δ8-THC per 30g	< LOQ		mg/30g	0.714	
Δ9-THC per 30g	< LOQ		mg/30g	0.714	
exo-THC per 30g	< LOQ		mg/30g	0.714	
THC-A per 30g	< LOQ		mg/30g	0.714	
THC-Total per 30g	< LOQ		mg/30g	1.34	
THCV per 30g	< LOQ		mg/30g	0.714	
THCV-A per 30g	< LOQ		mg/30g	0.714	
THCV-Total per 30g	< LOQ		mg/30g	1.34	



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Potency per 30g      **Method:** J AOAC 2015 V98-6 (mod)<sup>b</sup>      **Units** mg/se **Batch:** 2306782      **Analyze:** 4/26/23 10:59:00 PM

Analyte	Result	Limits	Units	LOQ	Notes
Total Cannabinoids per 30g	3150		mg/30g		

Potency per 1g      **Method:** J AOAC 2015 V98-6 (mod)<sup>b</sup>      **Units** mg/se **Batch:** 2306782      **Analyze:** 4/26/23 10:59:00 PM

Analyte	Result	Limits	Units	LOQ	Notes
CBC per 1g	< LOQ		mg/1g	0.714	
CBC-A per 1g	< LOQ		mg/1g	0.714	
CBC-Total per 1g	< LOQ		mg/1g	1.34	
CBD per 1g	103		mg/1g	0.714	
CBD-A per 1g	< LOQ		mg/1g	0.714	
CBD-Total per 1g	103		mg/1g	1.34	
CBDV per 1g	< LOQ		mg/1g	0.714	
CBDV-A per 1g	< LOQ		mg/1g	0.714	
CBDV-Total per 1g	< LOQ		mg/1g	1.33	
CBE per 1g	< LOQ		mg/1g	0.714	
CBG per 1g	1.69		mg/1g	0.714	
CBG-A per 1g	< LOQ		mg/1g	0.714	
CBG-Total per 1g	1.69		mg/1g	1.33	
CBL per 1g	< LOQ		mg/1g	0.714	
CBL-A per 1g	< LOQ		mg/1g	0.714	
CBL-Total per 1g	< LOQ		mg/1g	1.34	
CBN per 1g	< LOQ		mg/1g	0.714	
CBT per 1g	< LOQ		mg/1g	0.714	
Δ8-THCV per 1g	< LOQ		mg/1g	0.714	
Δ10-THC-9R per 1g	< LOQ		mg/1g	0.714	
Δ10-THC-9S per 1g	< LOQ		mg/1g	0.714	
Δ8-THC per 1g	< LOQ		mg/1g	0.714	
Δ9-THC per 1g	< LOQ		mg/1g	0.714	
exo-THC per 1g	< LOQ		mg/1g	0.714	
THC-A per 1g	< LOQ		mg/1g	0.714	
THC-Total per 1g	< LOQ		mg/1g	1.34	
THCV per 1g	< LOQ		mg/1g	0.714	
THCV-A per 1g	< LOQ		mg/1g	0.714	
THCV-Total per 1g	< LOQ		mg/1g	1.34	
Total Cannabinoids per 1g	105		mg/1g		

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Solvents						Method: Residual Solvents by GC/MS <sup>b</sup>					Units $\mu\text{g/g}$	Batch 2306832	Analyze 04/28/23 11:54 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) <sup>b</sup>											
Units mg/kg Batch 2306761 Analyze 04/27/23 07:13 AM											
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes
Abamectin <sup>¥</sup>	< LOQ	0.50	0.250	pass		Acephate <sup>¥</sup>	< LOQ	0.40	0.200	pass	
Acequinocyl <sup>¥</sup>	< LOQ	2.0	1.00	pass		Acetamiprid <sup>¥</sup>	< LOQ	0.20	0.100	pass	
Aldicarb <sup>¥</sup>	< LOQ	0.40	0.200	pass		Azoxystrobin <sup>¥</sup>	< LOQ	0.20	0.100	pass	
Bifentazate <sup>¥</sup>	< LOQ	0.20	0.100	pass		Bifenthrin <sup>¥</sup>	< LOQ	0.20	0.100	pass	
Boscalid <sup>¥</sup>	< LOQ	0.40	0.200	pass		Carbaryl <sup>¥</sup>	< LOQ	0.20	0.100	pass	
Carbofuran <sup>¥</sup>	< LOQ	0.20	0.100	pass		Chlorantraniliprole <sup>¥</sup>	< LOQ	0.20	0.100	pass	
Chlorfenapyr <sup>¥</sup>	< LOQ	1.0	0.500	pass		Chlorpyrifos <sup>¥</sup>	< LOQ	0.20	0.100	pass	
Clofentezine <sup>¥</sup>	< LOQ	0.20	0.100	pass		Cyfluthrin <sup>¥</sup>	< LOQ	1.0	0.500	pass	
Cypermethrin <sup>¥</sup>	< LOQ	1.0	0.500	pass		Daminozide <sup>¥</sup>	< LOQ	1.0	0.500	pass	
Diazinon <sup>¥</sup>	< LOQ	0.20	0.100	pass		Dichlorvos <sup>¥</sup>	< LOQ	1.0	0.500	pass	
Dimethoate <sup>¥</sup>	< LOQ	0.20	0.100	pass		Ethoprophos <sup>¥</sup>	< LOQ	0.20	0.100	pass	
Etofenprox <sup>¥</sup>	< LOQ	0.40	0.200	pass		Etoxazole <sup>¥</sup>	< LOQ	0.20	0.100	pass	
Fenoxycarb <sup>¥</sup>	< LOQ	0.20	0.100	pass		Fenpyroximate <sup>¥</sup>	< LOQ	0.40	0.200	pass	
Fipronil <sup>¥</sup>	< LOQ	0.40	0.200	pass		Flonicamid <sup>¥</sup>	< LOQ	1.0	0.400	pass	
Fludioxonil <sup>¥</sup>	< LOQ	0.40	0.200	pass		Hexythiazox <sup>¥</sup>	< LOQ	1.0	0.400	pass	
Imazali <sup>¥</sup>	< LOQ	0.20	0.100	pass		Imidacloprid <sup>¥</sup>	< LOQ	0.40	0.200	pass	
Kresoxim-methyl <sup>¥</sup>	< LOQ	0.40	0.200	pass		Malathion <sup>¥</sup>	< LOQ	0.20	0.100	pass	
Metalaxyl <sup>¥</sup>	< LOQ	0.20	0.100	pass		Methiocarb <sup>¥</sup>	< LOQ	0.20	0.100	pass	
Methomyl <sup>¥</sup>	< LOQ	0.40	0.200	pass		MGK-264 <sup>¥</sup>	< LOQ	0.20	0.100	pass	
Myclobutanil <sup>¥</sup>	< LOQ	0.20	0.100	pass		Naled <sup>¥</sup>	< LOQ	0.50	0.250	pass	
Oxamyl <sup>¥</sup>	< LOQ	1.0	0.500	pass		Paclobotrazole <sup>¥</sup>	< LOQ	0.40	0.200	pass	
Parathion-Methyl <sup>¥</sup>	< LOQ	0.20	0.100	pass		Permethrin <sup>¥</sup>	< LOQ	0.20	0.100	pass	
Phosmet <sup>¥</sup>	< LOQ	0.20	0.100	pass		Piperonyl butoxide <sup>¥</sup>	< LOQ	2.0	1.00	pass	
Prallethrin <sup>¥</sup>	< LOQ	0.20	0.100	pass		Propiconazole <sup>¥</sup>	< LOQ	0.40	0.200	pass	
Propoxur <sup>¥</sup>	< LOQ	0.20	0.100	pass		Pyrethrin I (total) <sup>¥</sup>	< LOQ	1.0	0.500	pass	
Pyridaben <sup>¥</sup>	< LOQ	0.20	0.100	pass		Spinosad <sup>¥</sup>	< LOQ	0.20	0.100	pass	
Spiromesifen <sup>¥</sup>	< LOQ	0.20	0.100	pass		Spirotetramat <sup>¥</sup>	< LOQ	0.20	0.100	pass	
Spiroxamine <sup>¥</sup>	< LOQ	0.40	0.200	pass		Tebuconazole <sup>¥</sup>	< LOQ	0.40	0.200	pass	
Thiacloprid <sup>¥</sup>	< LOQ	0.20	0.100	pass		Thiamethoxam <sup>¥</sup>	< LOQ	0.20	0.100	pass	
Trifloxystrobin <sup>¥</sup>	< LOQ	0.20	0.100	pass							



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Terpenes				Method: J AOAC 2015 V98-6	Units %	Batch 2306784	Analyze 04/26/23 08:42 PM		
Analyte	Result	LOQ	% of Total	Notes	Analyte	Result	LOQ	% of Total	Notes
Geraniol	< LOQ	0.019	0.00%		(±)-Camphor	< LOQ	0.019	0.00%	
(+)-Pulegone	< LOQ	0.019	0.00%		(-)-a-Terpineol	< LOQ	0.019	0.00%	
(-)-caryophyllene oxide	< LOQ	0.019	0.00%		(-)-Guaiol	< LOQ	0.019	0.00%	
(-)-Isopulegol	< LOQ	0.019	0.00%		(-)-β-Pinene	< LOQ	0.019	0.00%	
(+)-Borneol	< LOQ	0.019	0.00%		(+)-Cedrol	< LOQ	0.019	0.00%	
(+)-fenchol	< LOQ	0.019	0.00%		(±)-cis-Nerolidol	< LOQ	0.019	0.00%	
(±)-fenchone	< LOQ	0.019	0.00%		(±)-trans-Nerolidol	< LOQ	0.019	0.00%	
(R)-(+)-Limonene	< LOQ	0.019	0.00%		a-Bisabolol	< LOQ	0.019	0.00%	
a-cedrene	< LOQ	0.019	0.00%		a-phellandrene	< LOQ	0.019	0.00%	
a-pinene	< LOQ	0.019	0.00%		a-Terpinene	< LOQ	0.019	0.00%	
Camphene	< LOQ	0.019	0.00%		cis-β-Ocimene	< LOQ	0.006	0.00%	
d-3-Carene	< LOQ	0.019	0.00%		Eucalyptol	< LOQ	0.019	0.00%	
farnesene	< LOQ	0.019	0.00%		gamma-Terpinene	< LOQ	0.019	0.00%	
Geranyl acetate	< LOQ	0.019	0.00%		Humulene	< LOQ	0.019	0.00%	
Isoborneol	< LOQ	0.019	0.00%		Linalool	< LOQ	0.019	0.00%	
Menthol	< LOQ	0.019	0.00%		nerol	< LOQ	0.019	0.00%	
p-Cymene	< LOQ	0.019	0.00%		Sabinene	< LOQ	0.019	0.00%	
Sabinene hydrate	< LOQ	0.019	0.00%		β-Caryophyllene	< LOQ	0.019	0.00%	
β-Myrcene	< LOQ	0.019	0.00%		Terpinolene	< LOQ	0.019	0.00%	
trans-β-Ocimene	< LOQ	0.012	0.00%		valencene	< LOQ	0.019	0.00%	
<b>Total Terpenes</b>	<b>&lt; LOQ</b>								

Metals								
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status	Notes
Arsenic <sup>‡</sup>	< LOQ	0.200	mg/kg	0.0917	2306795	04/27/23 AOAC 2013.06 (mod.) <sup>‡</sup>	pass	
Cadmium <sup>‡</sup>	< LOQ	0.200	mg/kg	0.0917	2306795	04/27/23 AOAC 2013.06 (mod.) <sup>‡</sup>	pass	
Lead <sup>‡</sup>	< LOQ	0.500	mg/kg	0.0917	2306795	04/27/23 AOAC 2013.06 (mod.) <sup>‡</sup>	pass	
Mercury <sup>‡</sup>	< LOQ	0.100	mg/kg	0.0459	2306795	04/27/23 AOAC 2013.06 (mod.) <sup>‡</sup>	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