



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

**Report Number:** 21-005483/D008.R00  
**Report Date:** 06/02/2021  
**Purchase Order:**  
**Received:** 05/18/21 10:45 AM



**Customer:** Cannacea  
 30262 Crown Valley Pkwy B525  
 Laguna Niguel 92677  
 United States of America (USA)

**Sample ID:** AC4M21A  
**Sample Matrix:** Tincture  
**Laboratory ID:** 21-005483-0001-00  
**Evidence of Cooling:** No  
**Temp:** 21 °C  
**Relinquished by:** UPS

### Sample Results

#### Nutrition

#### Fatty Acid Profile - Expanded

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
C04:0 - Butyric Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C06:0 - Caproic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C08:0 - Caprylic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C10:0 - Capric Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C11:0 - Undecylic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C12:0 - Lauric Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C13:0 - Tridecylic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C14:0 - Myristic Acid	0.61	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C14:1 c-9 - Myristoleic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C15:0 - Pentadecylic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C15:1 c-10 - Pentadecenoic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C16:0 - Palmitic Acid	7.52	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C16:1 c-9 (omega-7) - Palmitoleic Acid	15.6	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C16:2 c-9,12 (omega-4) - Hexadecadienoic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C17:0 - Margaric Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C17:1c-10 (omega-7) - Heptadecenoic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C18:0 - Stearic Acid	3.30	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C18:1 c-11 (omega-7) - Vaccenic Acid	3.41	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C18:1 c-12 (omega-6) - Octadecenoic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C18:1 c-9 (omega-9) - Oleic Acid	49.9	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C18:1 Trans Isomers - Elaidic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C18:2 c-9,12 (omega-6) - Linoleic Acid	2.63	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C18:2 t-9,12 - Linoelaidic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C18:3 c-6,9,12 (omega-6) - gamma-Linolenic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	



### Nutrition

#### Fatty Acid Profile - Expanded

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
C18:3 c-9,12,15 (omega-3) - alpha-Linolenic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C18:4 c-6,9,12,15 (omega-3) - Stearidonic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C19:0 - Nonadecylic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C20:0 - Arachidic Acid	2.51	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C20:1 c-11 (omega-9) - Gondoic Acid	2.27	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C20:2 c-11,14 (omega-6) - Eicosadienoic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C20:3 c-11,14,17 (omega-3) - Eicosatrienoic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C20:3 c-8,11,14 (omega-6) - DGLA	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C20:4 c-5,8,11,14 (omega-6) - Arachidonic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C20:4 c-8,11,14,17 (omega-3) - ETA	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C20:5 c-5,8,11,14,17 (omega-3) - EPA	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C21:0 - Heneicosylic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C22:0 - Behenic Acid	0.78	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C22:1 c-13 (omega-9) - Erucic Acid	0.20	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C22:2 c-13,16 (omega-6) - Docosadienoic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C22:5 c-7,10,13,16,19 (omega-3) - DPA	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C22:6 c-4,7,10,13,16,19 (omega-3) - DHA	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C23:0 - Tricosylic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C24:0 - Lignoceric Acid	0.32	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C24:1 c-15 (omega-9) - Nervonic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
Monounsaturated Fat	71.4	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
Omega-3 Fat	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
Omega-6 Fat	2.63	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
Omega-9 Fat	52.4	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
Polyunsaturated Fat	2.63	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
Saturated Fat	15.0	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
Total CLA	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
Total Fat	93.0	g/100g	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
Trans Fat	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
Unknown Components	0.77	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	

#### Abbreviations

**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.



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**Sample Matrix:** Tincture  
**Laboratory ID:** 21-005483-0002-00  
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### Sample Results

#### Nutrition

##### Fatty Acid Profile - Expanded

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
C04:0 - Butyric Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C06:0 - Caproic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C08:0 - Caprylic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C10:0 - Capric Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C11:0 - Undecylic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C12:0 - Lauric Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C13:0 - Tridecylic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C14:0 - Myristic Acid	0.53	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C14:1 c-9 - Myristoleic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C15:0 - Pentadecylic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C15:1 c-10 - Pentadecenoic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C16:0 - Palmitic Acid	6.63	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C16:1 c-9 (omega-7) - Palmitoleic Acid	13.7	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C16:2 c-9,12 (omega-4) - Hexadecadienoic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C17:0 - Margaric Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C17:1c-10 (omega-7) - Heptadecenoic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C18:0 - Stearic Acid	2.89	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C18:1 c-11 (omega-7) - Vaccenic Acid	2.99	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C18:1 c-12 (omega-6) - Octadecenoic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C18:1 c-9 (omega-9) - Oleic Acid	43.6	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C18:1 Trans Isomers - Elaidic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C18:2 c-9,12 (omega-6) - Linoleic Acid	2.30	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C18:2 t-9,12 - Linoelaidic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C18:3 c-6,9,12 (omega-6) - gamma-Linolenic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	



### Nutrition

#### Fatty Acid Profile - Expanded

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
C18:3 c-9,12,15 (omega-3) - alpha-Linolenic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C18:4 c-6,9,12,15 (omega-3) - Stearidonic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C19:0 - Nonadecylic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C20:0 - Arachidic Acid	2.18	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C20:1 c-11 (omega-9) - Gondoic Acid	1.99	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C20:2 c-11,14 (omega-6) - Eicosadienoic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C20:3 c-11,14,17 (omega-3) - Eicosatrienoic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C20:3 c-8,11,14 (omega-6) - DGLA	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C20:4 c-5,8,11,14 (omega-6) - Arachidonic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C20:4 c-8,11,14,17 (omega-3) - ETA	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C20:5 c-5,8,11,14,17 (omega-3) - EPA	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C21:0 - Heneicosylic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C22:0 - Behenic Acid	0.68	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C22:1 c-13 (omega-9) - Erucic Acid	0.18	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C22:2 c-13,16 (omega-6) - Docosadienoic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C22:5 c-7,10,13,16,19 (omega-3) - DPA	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C22:6 c-4,7,10,13,16,19 (omega-3) - DHA	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C23:0 - Tricosylic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C24:0 - Lignoceric Acid	0.30	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
C24:1 c-15 (omega-9) - Nervonic Acid	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
Monounsaturated Fat	62.4	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
Omega-3 Fat	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
Omega-6 Fat	2.39	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
Omega-9 Fat	45.8	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
Polyunsaturated Fat	2.39	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
Saturated Fat	13.2	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
Total CLA	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
Total Fat	81.4	g/100g	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
Trans Fat	< LOQ	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	
Unknown Components	0.79	%	0.10	05/26/21	AOCS Ce 1h-05 (mod.)	

#### Abbreviations

**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.