

***Analytical Services Laboratory Report***

**Date:** January 25, 2011  
**Client:** Madeleine Lee - Arette Foods Inc.  
**Analysis:** Total Fat Profile, Free Fatty Acids and Vitamin E  
**Sample ID:** Tea Seed Oil - Camellia Extra Virgin Organic Arette  
**Results:**

Analysis	Results	Units
Fatty Acid Analysis w/Profile		
Total Fat	97.15	grams per 100 grams
Saturated Fat	10.03	grams per 100 grams
Monounsaturated Fat	74.80	grams per 100 grams
cis-cis Polyunsaturated Fat	7.68	grams per 100 grams
trans Fat	0.38	grams per 100 grams

Report Submitted By:  
 Bethany Jackson  
 Technical Services Manager  
 402-472-8917

To: Madeleine Lee

Date Submitted: November 19, 2010

Date Completed: January 24, 2011

CUSTOMER ID: Arette Foods Inc.

Description: Arette Organic Camellia Extra Virgin Tea Seed Oil

Reference #: 12573	Normalized by Weight	% (w/w) as Triglyceride in Product	% (w/w) Fatty Acids in Product			
			Saturated Fatty Acids	Monounsaturated Fatty Acids	cis-cis Polyunsaturated Fatty Acids	trans Fatty Acids
4:0 Butyric						
6:0 Caproic						
8:0 Caprylic						
10:0 Capric	0.041%	0.040	0.037			
12:0 Lauric						
13:0 Tridecanoic	0.029%	0.028	0.026			
14:0 Myristic	0.043%	0.042	0.040			
14:1 t-Tetradecenoic						
14:1 Myristoleic						
15:0 Pentadecanoic						
15:1 Pentadecenoic						
16:0 Palmitic	8.527%	8.284	7.894			
16:1 t-Hexadecenoic	0.034%	0.033				0.031
16:1 Palmitoleic	0.100%	0.097		0.092		
17:0 Margaric	0.068%	0.066	0.063			
17:1 Margaroleic	0.071%	0.069		0.066		
18:0 Stearic	2.009%	1.952	1.869			
18:1 trans Elaidic	0.183%	0.178				0.170
18:1 Oleic	79.480%	77.213		73.893		
18:2 t-Octadecadienoic	0.197%	0.191				0.183
18:2 Linoleic	7.967%	7.740			7.405	
20:0 Arachidic	0.042%	0.041	0.039			
18:3 g-Linolenic						
20:1 Gadoleic	0.629%	0.611		0.587		
18:3 Linolenic	0.211%	0.205			0.196	
21:0 Heneicosanoic						
18:2 conj-Linoleic	0.059%	0.057				
18:4 Octadecatetraenoic						
20:2 Eicosadienoic	0.079%	0.077			0.074	
22:0 Behenic	0.020%	0.019	0.018			
20:3 g-Eicosatrienoic						
22:1 Erucic	0.078%	0.076		0.073		
20:3 Eicosatrienoic						
20:4 Arachidonic						
23:0 Tricosanoic						
22:2 Docosadienoic						
24:0 Lignoceric	0.041%	0.040	0.039			
20:5 Eicosapentaenoic						
24:1 Nervonic	0.920%	0.089		0.086		
22:3 Docosatrienoic						
22:4 Docosatetraenoic						
22:5 Docosapentaenoic						
22:6 Docosahexaenoic						
<b>Totals</b>	<b>100.00%</b>	<b>97.15</b>	<b>10.03</b>	<b>74.80</b>	<b>7.67</b>	<b>0.38</b>
Percent of Fatty Acid Components based on Total Fat			10.82%	80.45%	8.26%	0.41%
Omega-3 Fatty Acids, Eicosapentaenoic acid (EPA) and Docosahexaenoic acid (DHA)					0.00%	