



Food Safety & Quality Solutions

**SILLIKER, Inc.**

**Illinois Laboratory**

1304 Halsted Street, Chic

708/ 756 3210 Fax 708/ 756 0049

**CERTIFICATE OF ANALYSIS**

COA No:	CHG-31704000-0
Supersedes:	CHG-31688347-0
COA Date	4/16/07
Page 1 of 3	

**TO:**

Ms. Judy Cummins  
Quality Assurance/Certification Manager  
ForesTrade  
41 Spring Tree Rd  
Brattleboro, VT 05301

Received From:	Brattleboro, VT
Received Date:	3/21/07

Location of Test: (except where noted)	Chicago Heights, IL
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**Analytical Results**

<b>Desc. 1:</b>	Certified Organic Ramon Nut From	<b>Laboratory ID:</b>	309317985
<b>Desc. 2:</b>	Fores Trade Guatemala	<b>Condition Rec'd:</b>	NORMAL
<b>Desc. 3:</b>	Lot #US1361W-22-XLU	<b>Temp Rec'd (°C):</b>	16
<b>Analyte</b>		<b>Test Date</b>	<u>Loc.</u>
Nutrition - Mandatory		4/6/2007	

**NUTRITIONAL ANALYSIS**

Serving Size: 100 g  
Household Measure: 100g

LABEL ANALYTES		ANALYTICAL	ANALYTICAL	ROUNDED	% DAILY
		DATA PER	DATA PER	DATA PER	
		100g	SERVING	SERVING	VALUE
Calories		345.9	345.9	350	
Calories from Fat		4.0	4.0	0	
Total Fat	(g)	0.44	0.44	0	0
Saturated Fat	(g)	0.17	0.17	0	0
Trans Fat	(g)	<0.10	<0.10	0	
Cholesterol	(mg)	<1.0	<1.0	0	0
Sodium	(mg)	12.9	12.9	15	1
Total Carbohydrate	(g)	76.2	76.2	76	25
Dietary Fiber	(g)	18.94	18.94	19	76
Sugars	(g)	9.35	9.35	9	
Protein (F=6.25)	(g)	9.28	9.28	9	
Vitamin A	(IU)	74	74		*
Vitamin C	(mg)	<1.0	<1.0		*
Calcium	(mg)	140	140		15
Iron	(mg)	1.2	1.2		6

**CONTRIBUTING ANALYTES**

Moisture	(g)	10.95	10.95
Ash	(g)	3.14	3.14
Beta Carotene	(IU)	74	74
Retinol	(IU)	<5	<5
Vit A % Beta Carotene		100	

\* Contains less than 2% of the Daily Value of this nutrient.

**SUGAR PROFILE**

Fructose	0.72	(g/100g)	Glucose	<0.10	(g/100g)
Lactose	<0.10	(g/100g)	Maltose	5.70	(g/100g)
Sucrose	2.93	(g/100g)			

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**Analytical Results**

FAT ANALYSIS BY GC Fatty Acids	% Fatty Acid in Product (Weight/Weight Basis)					Laboratory ID: 309317985	
	Saturated	Cis MUFA	Cis PUFA	Trans	Conjugated	% as Triglyceride	% FA of Total FA
4:0 Butanoic (Butyric)	0.008					0.010	1.970
5:0 Pentanoic (Valeric)						0.000	0.000
6:0 Hexanoic (Caproic)						0.000	0.000
7:0 Heptanoic (Enanthic)						0.000	0.000
8:0 Octanoic (Caprylic)						0.000	0.000
9:0 Nonanoic (Pelargonic)						0.000	0.000
10:0 Decanoic (Capric)						0.000	0.000
11:0 Undecanoic						0.000	0.000
12:0 Dodecanoic (Lauric)						0.000	0.000
12:1 Dodecenoic						0.000	0.000
14:0 Tetradecanoic (Myristic)	0.002					0.002	0.545
14:1 trans-Tetradecenoic						0.000	0.000
14:1 Tetradecenoic (Myristoleic)						0.000	0.000
15:0 Pentadecanoic	0.002					0.002	0.506
15:1 Pentadecenoic						0.000	0.000
16:0 Hexadecanoic (Palmitic)	0.129					0.135	30.615
16:1 trans-Hexadecenoic						0.000	0.000
16:1 Hexadecenoic (Palmitoleic)						0.000	0.000
17:0 Heptadecanoic (Margaric)	0.002					0.002	0.483
17:1 Heptadecenoic (Margaroleic)						0.000	0.000
18:0 Octadecanoic (Stearic)	0.015					0.016	3.578
18:1 trans-Octadecenoic (incl. Elaidic)						0.000	0.000
18:1 Octadecenoic (incl. Oleic)		0.033				0.034	7.740
18:2 trans-Octadecadienoic						0.000	0.000
18:2 Octadecadienoic (Linoleic)			0.159			0.166	37.763
20:0 Eicosanoic (Arachidic)	0.014					0.015	3.376
18:3 trans-Octadecatrienoic						0.000	0.000
18:3 g-Linolenic						0.000	0.000
20:1 trans-Eicosenoic						0.000	0.000
20:1 Eicosenoic (incl. Gadoleic)						0.000	0.000
18:3 Octadecatrienoic (Linolenic)			0.039			0.041	9.213
21:0 Heneicosanoic						0.000	0.000
18:2 conj Linoleic						0.000	0.000
18:4 Octadecatetraenoic (Moroctic)						0.000	0.000
20:2 Eicosadienoic						0.000	0.000
20:3 5,8,11-Eicosatrienoic			0.018			0.018	4.210
22:0 Docosanoic (Behenic)						0.000	0.000
20:3 8,11,14-Eicosatrienoic (gamma)						0.000	0.000
22:1 trans-Docosanoic (Brassicidic)						0.000	0.000
22:1 Docosanoic (Erucic)						0.000	0.000
20:3 11,14,17-Eicosatrienoic						0.000	0.000

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**Analytical Results**

Fatty Acids	% Fatty Acid in Product (Weight/Weight Basis)					Laboratory ID: 309317985	
	Saturated	Cis MUFA	Cis PUFA	Trans	Conjugated	% as Triglyceride	% FA of Total FA
20:4 Eicosatetraenoic (Arachidonic)						0.000	0.000
23:0 Tricosanoic						0.000	0.000
22:2 Docosadienoic						0.000	0.000
24:0 Tetracosanoic (Lignoceric)						0.000	0.000
20:5 Eicosapentaenoic						0.000	0.000
24:1 Tetracosanoic (Nervonic)						0.000	0.000
22:3 Docosatrienoic						0.000	0.000
22:4 Docosatetraenoic						0.000	0.000
22:5 Docosapentaenoic						0.000	0.000
22:6 Docosahexaenoic						0.000	0.000
Total (g per 100g)	0.17	0.03	0.22	0.00	0.00	0.44	100.00
% of Total Fatty Acid Concentration	41.07	7.74	51.19	0.00	0.00		

**FAT ANALYSIS BY GC - SUMMARY**

Fat by Fatty Acid Profile:	0.44 (g/100g)	Total Polyunsaturated Fatty Acids:	0.22 (g/100g)
Total Saturated Fatty Acids:	0.17 (g/100g)	Total Trans Fatty Acids:	0.00 (g/100g)
Total Monounsaturated Fatty Acids:	0.03 (g/100g)	Total Conjugated Fatty Acids:	0.00 (g/100g)

*Randy Fleener*  
 Randy Fleener Laboratory Director