

Chocolate Science: Gingeroo Nutritional Analysis

Sample Number: 70211354

Batch Number: 70211354

Date Entered: 02/28/07

Report Printed: 03/15/07

Ginger Chocolate: Lot # GITI – 4 – 020307

Serving Size: 1.62 oz

ASSAY	CONTENT / 100 gm	PER SERVING	% DV / SERVING
Calories	591 cl	271 cl	
Calories from Fat	367 cl	169 cl	
Saturated Fat	24.5 gm	11.3 gm	56.26
Sum of Quantified Fatty Acids	40.8 gm	18.7 gm	28.83
Sodium	< 10.0 mg		
Potassium	581.0 mg	266.8 mg	7.62
Total Carbohydrate	49.8 gm	22.9 gm	7.62
Dietary Fiber	6.2 gm	2.8 gm	11.39
Sugar Profile			
Fructose by HPLC	0.4 gm	0.2 gm	
Glucose by HPLC	0.8 gm	0.4 gm	
Sucrose by HPLC	36.0 gm	16.5 gm	
Maltose by HPLC	< 0.1 gm		
Lactose	< 0.1 gm		
Total Sugar	37.2 gm	17.1 gm	
Protein (N X 6.25) Dumas Method	6.1 gm	2.8 gm	
Beta Carotene by HPLC	0.266 mg	0.0122 mg	
Vitamin A from Carotene	44.3 IU	20.3 IU	0.41
Vitamin C	< 1.0 mg		
Calcium	105.0 mg	48.22 mg	4.82
Iron	2.70 mg	1.24 mg	6.89
Vitamin E (Synthetic)	< 0.500 IU		
Phosphorus	229.0 mg	105.3 mg	10.52
Magnesium	154.0 mg	70.73	17.68
Zinc	2.84 mg	1.30 mg	8.70
Copper	0.971 mg	0.446 mg	22.30
Manganese	3.80 mg	1.75 mg	87.26

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Moisture	1.5 mg	0.69 mg	
Ash	1.8 mg	0.83 mg	
Water Activity	0.311	0.311	
Tryptophan	50 mg	23 mg	
Fatty Acid and Trans Fat by GC			
Total Trans fatty Acids	0.011 gm	0.0051 gm	
Monounsaturated Fat	13.3 gm	6.11 gm	
Polyunsaturated Fat	1.23 gm	0.565 gm	
Caffeine by HPLC	99.2 mg	45.6 mg	
Theobromine by HPLC	534.0 mg	245.3 mg	
Catechins by HPLC			
Epigallocatechin	< 10000 mcg		
Catechin	18000 mcg	8266.9 mcg	
Epicatechin	134000 mcg	61542.2 mcg	
Epigallocatechin Gallate	< 10000 mcg		
Gallocatechin Gallate	< 10000 mcg		
Epicatechin Gallete	< 10000 mcg		
Total Catechins	152000 mcg	69809.0 mcg	
Total Polyphenols	967 mg	444 mg	

SAMPLE ID	BRUNSWICK LAB ID	ORACHydro* (μmoleTE/g)	ORAClipo^ (μmoleTE/g)	ORACtotal (μmoleTE/g)
Ginger Chocolate Lot# GITI-4-031307	07-1013	336	7	343