

ce Laboratories Inc.
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CORRECTED REPORT OF ANALYSIS



SAMPLE NUMBER: 70211354
 BATCH NUMBER: 70211354
 DATE ENTERED: 02/28/07
 REPORT PRINTED: 03/15/07

SY FANG PAN
 SACRED FOODS
 1925 EAST FRANCISCO BLCD #5
 SAN RAFAEL, CA 94901

GINGER CHOCOLATE: LOT #GITI-4-020307

PURCHASE ORDER NUMBER: CHARGE - VISA

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
	CALCULATED AS ACIDS				
SUM OF QUANTITATED FATTY ACIDS	40.8	GM	18.7	GM	28.83
	CALCULATED AS TRIGLYCERIDES				
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	.4	GM	.2	GM	
GLUCOSE BY HPLC	.8	GM	.4	GM	
SUCROSE BY HPLC	36.0	GM	16.5	GM	
MALTOSE BY HPLC	< .1	GM			
LACTOSE	< .1	GM			

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COVANCE.
THE DEVELOPMENT SERVICES COMPANY

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GINGER CHOCOLATE: LOT #GITI-4-020307

ASSAY	CONTENT/100 GM		PER SERVING		% DV / SERVING
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	.0266	MG	.0122	MG	
VITAMIN A FROM CAROTENE	44.3	IU	20.3	IU	.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)	< .500	IU			
PHOSPHORUS	229.0	MG	105.2	MG	10.52
MAGNESIUM	154.0	MG	70.73	MG	17.68
ZINC	2.84	MG	1.30	MG	8.70
COPPER	.971	MG	.446	MG	22.30
MANGANESE	3.80	MG	1.75	MG	87.26
MOISTURE (100 DEGREE VAC. OVEN)	1.5	GM	.69	GM	
ASH	1.8	GM	.83	GM	
WATER ACTIVITY					
	.311		.311		
TRYPTOPHAN	50.	MG	23.	MG	
FATTY ACID AND TRANS FAT BY GC					
TOTAL TRANS FATTY ACIDS	.011	GM	.0051	GM	
		CALCULATED AS ACIDS			
MONOUNSATURATED FAT	13.3	GM	6.11	GM	
		CALCULATED AS ACIDS			

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ASSAY	CONTENT/100 GM		PER SERVING		% DV / SERVING
POLYUNSATURATED FAT	1.23	GM	.565	GM	
	CALCULATED AS ACIDS				
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 GALLATE	< 10000.	MCG			
TOTAL CATECHINS	152000.	MCG	69809.0	MCG	
TOTAL POLYPHENOLS	967.	MG	444.	MG	

METHOD REFERENCES

CALORIES

United States Department of Agriculture, "Composition of Foods" Agricultural Handbook, No. 8, pp. 159-160, (1975).

CALORIES FROM FAT

Calculation upon request.

SUM OF QUANTITATED FATTY ACIDS

Calculation upon request.

TOTAL CARBOHYDRATE

United States Department of Agriculture, Energy Value of Foods, Agriculture Handbook No. 74, pp. 2-11, (1973).

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METHOD REFERENCES (CONTINUED)

DIETARY FIBER

Official Methods of Analysis of AOAC INTERNATIONAL, 18th Ed., Method 985.29, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (2005). (Prosky)

SUGAR PROFILE

Official Methods of Analysis of AOAC INTERNATIONAL (2000) 17th Ed., AOAC INTERNATIONAL, Gaithersburg, MD, USA, Official Method 982.14. (Modified)

TOTAL SUGAR

PROTEIN(N X 6.25)DUMAS METHOD

Official Methods of Analysis of AOAC INTERNATIONAL, 18th Ed., Methods 968.06 and 992.15, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (2005).

BETA CAROTENE BY HPLC

Official Methods of Analysis of AOAC INTERNATIONAL, 18th Ed., Method 941.15, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (2005).
Quackenbush, F.W., Journal of Liquid Chromatography, 10:643-653, (1987). (Modified)

VITAMIN A FROM CAROTENE

Calculation on request.

VITAMIN C

Official Methods of Analysis of AOAC INTERNATIONAL, 18th Ed., Method 967.22, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (2005)

VITAMIN E (SYNTHETIC)

Cort, W. M., Vincente, T. S., Waysek, E. H., and Williams, B. D., Journal of Agricultural Food Chemistry, 31:1330-1333 (1983). (Modified)
Speck, A. J., Schijver, J., and Schreurs, W. H. P., Journal of Food Science, 50:121-124 (1985). (Modified)
McMurray, C. H., Blanchflower, W. J., and Rice, D. A., Journal of the Association of Official Analytical Chemists, 63: 1258-1261 (1980). (Modified)
1 mg dl-alpha-tocopherol = 1.10 International Units of Vitamin E

MOISTURE (100 DEGREE VAC. OVEN)

Official Methods of Analysis of AOAC INTERNATIONAL, 18th Ed., Methods 925.09 and 926.08, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (2005).

ASH

Official Methods of Analysis of AOAC INTERNATIONAL (2005) 18th Ed., AOAC INTERNATIONAL, Gaithersburg, MD, USA, Official Method 923.03.

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METHOD REFERENCES (CONTINUED)

WATER ACTIVITY

AOAC International, '978.18 Water Activity of Canned Vegetables' (modified), Official Methods of Analysis, (ed.) Patricia Cunniff, 18th Ed., AOAC International, Gaithersburg, MD (2005).

TRYPTOPHAN

AOAC International, 982.30 'Protein Efficiency Ratio', Official Methods of Analysis, (ed.) Patricia Cunniff, Sixteenth Ed., Vol. 2, AOAC International: Arlington, VA (1995).

FATTY ACID AND TRANS FAT BY GC

Official Methods of Analysis of AOAC INTERNATIONAL (2005) 18th Ed., AOAC INTERNATIONAL, Gaithersburg, MD, USA, Official Method 996.06. (Modified)

ICP EMISSION SPECTROMETRY

Official Methods of Analysis of AOAC INTERNATIONAL, (2000) 17th ED., AOAC INTERNATIONAL Gaithersburg, MD, USA, Official Methods 984.27, 985.01. Inductively Coupled Plasma-Atomic Emission Spectrometry Analysis of Biological Materials and Soils for Major, Trace, and Ultra-Trace Elements, Applied Spectroscopy, 32:1-29 (1978).

CAFFEINE, THEOBROMINE, THEOPHYLLINE HPLC

Journal of Food Science (modified), 48: 745-747, (1983).

CATECHINS BY HPLC

Sakakibara, H., Honda, Y., Nakagawa, S., Ashida, H., and Kanazawa, K. "Simultaneous Determination of All Polyphenols in Vegetables, Fruits, and Teas," J. Agric. Food Chem. Vol. 51, No.3, pp 572-580, (2003).

EPIGALLOCATECHIN

Determination of Total Catechins in Green Tea. Institute for Nutraceutical Advancement, Method 111.002, (2002). (Modified).

CATECHIN

Determination of Total Catechins in Green Tea. Institute for Nutraceutical Advancement, Method 111.002, (2002). (Modified).

EPICATECHIN

Determination of Total Catechins in Green Tea. Institute for Nutraceutical Advancement, Method 111.002, (2002). (Modified).

EPIGALLOCATECHIN GALLATE

Determination of Total Catechins in Green Tea. Institute for Nutraceutical Advancement, Method 111.002, (2002). (Modified).

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GALLOCATECHIN GALLATE

Determination of Total Catechins in Green Tea. Institute for Nutraceutical Advancement, Method 111.002, (2002). (Modified).

EPICATECHIN GALLATE

Determination of Total Catechins in Green Tea. Institute for Nutraceutical Advancement, Method 111.002, (2002). (Modified).

TOTAL CATECHINS

Determination of Total Catechins in Green Tea. Institute for Nutraceutical Advancement, Method 111.002, (2002). (Modified).

TOTAL POLYPHENOLS

Methods of Enzymology, Volume 299, Oxidants and Antioxidants Part A, Pages 152-178, 1999 (modified).