

REPORT OF ANALYSIS



SAMPLE NUMBER: 70409170

BATCH NUMBER: 70409170

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 BIOPHARMA SCIENTIFIC, INCORPORATED  
 6350 NANCY RIDGE DRIVE, SUITE 103  
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WHEY PROTEIN DRINK

SERVING SIZE = 18.1 GM

ASSAY	CONTENT/100 GM		PER SERVING		% DV / SERVING
SATURATED FAT	1.55	GM	.281	GM	1.40
	CALCULATED AS ACIDS				
SUM OF QUANTITATED FATTY ACIDS	2.90	GM	.525	GM	.81
	CALCULATED AS TRIGLYCERIDES				
CHOLESTEROL	27.4	MG	4.96	MG	1.65
SODIUM	402.0	MG	72.76	MG	3.03
DIETARY FIBER	2.8	GM	.51	GM	2.03
SUGAR PROFILE					
FRUCTOSE BY HPLC	.3	GM	.05	GM	
GLUCOSE BY HPLC	3.9	GM	.71	GM	
SUCROSE BY HPLC	.5	GM	.09	GM	
MALTOSE BY HPLC	< .1	GM			
LACTOSE	1.3	GM	.24	GM	
TOTAL SUGAR	6.0	GM	1.1	GM	
PROTEIN(N X 6.25)DUMAS METHOD	65.4	GM	11.8	GM	
BETA CAROTENE BY HPLC	< .0200	MG			

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WHEY PROTEIN DRINK

ASSAY	CONTENT/100 GM		PER SERVING	% DV / SERVING
VITAMIN A FROM CAROTENE	< 35.	IU		
VITAMIN A BY HPLC	< 100.	IU		
VITAMIN A, TOTAL	< 100.	IU		
VITAMIN C	< 1.0	MG		
CALCIUM	146.0	MG	26.43 MG	2.64
IRON	.277	MG	.0501 MG	.28
VITAMIN D BY HPLC	< 20.0	IU		
THIAMIN	.06	MG	.01 MG	.72
RIBOFLAVIN	.95	MG	.17 MG	10.11
FOLIC ACID	96.1	MCG	17.4 MCG	4.35
MOISTURE (100 DEGREE VAC. OVEN)	4.1	GM	.74 GM	
ASH	4.3	GM	.78 GM	
FATTY ACID AND TRANS FAT BY GC				
TOTAL TRANS FATTY ACIDS	.072	GM	.013 GM	
	CALCULATED AS ACIDS			
MONOUNSATURATED FAT	.674	GM	.122 GM	
	CALCULATED AS ACIDS			
POLYUNSATURATED FAT	.467	GM	.0845 GM	
	CALCULATED AS ACIDS			

METHOD REFERENCES

SUM OF QUANTITATED FATTY ACIDS  
 Calculation upon request.

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METHOD REFERENCES (CONTINUED)

CHOLESTEROL

Official Methods of Analysis of AOAC INTERNATIONAL (2000) 17th Ed., AOAC INTERNATIONAL, Gaithersburg, MD, USA, Official Method 994.10. (Modified)

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 A BY HPLC

Official Methods of Analysis of AOAC INTERNATIONAL, 18th Ed., Methods 974.29, 992.04, AND 992.06, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (2005).  
Thompson, J.N., and Duval, S., "Determination of Vitamin A in Milk and Infant Formula by HPLC," Journal of Micronutrient Analysis, 6:147-159, (1989).

VITAMIN A, TOTAL

Calculation on request.

VITAMIN C

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

VITAMIN D BY HPLC

Official Methods of Analysis of AOAC INTERNATIONAL (2000) 17th Ed., AOAC INTERNATIONAL, Gaithersburg, MD, USA, Official Method 982.29.

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METHOD REFERENCES (CONTINUED)

THIAMIN

Official Methods of Analysis of AOAC INTERNATIONAL. (2000) 17th Ed., AOAC INTERNATIONAL, Gaithersburg, MD, USA, Official Methods 942.23, 953.17, 957.17. (Modified)

RIBOFLAVIN

Official Methods of Analysis of AOAC INTERNATIONAL, 18th Ed., Methods 940.33 and 960.46, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (2005).  
The United States Pharmacopeia, 29th Ed., p. 1913, United States Pharmacopeial Convention, Inc.: Rockville, Maryland (2005).

FOLIC ACID

Official Methods of Analysis of AOAC INTERNATIONAL, 18th Ed., Methods 960.46 and 992.05, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (2005).  
Methods of Analysis for Infant Formulas, Infant Formula Council, Atlanta, GA, Section C-2, (1985).

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.

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).