

Certificate of Analysis

Biopharma Scientific, Incorporated

5740 Fleet Street
 Suite 200
 San Diego California 92121 United States

Sample Name:	nanopro Vegan/R&D0004 (070213)	Covance Sample:	2263730
Project ID	BIOPHARMA-20130716-0001	Receipt Date	03-Jul-2013
PO Number	CVD	Receipt Condition	Ambient temperature
Sample Serving Size	21.6 g	Login Date	16-Jul-2013
		Storage Condition	-20 (+/- 10) Degrees Celsius
		Online Order	20

Analysis	Result
Calories	
Calories	86.0 Cal/Serving size
Calories from Fat	
Calories	14.1 Cal/Serving size
Fatty Acid Profile	
Saturated Fatty Acids (Acid Form)	0.382 g/Serving Size
Saturated Fatty Acids (Acid Form)	0.382 g/Serving Size
Saturated Fatty Acids (Acid Form)	1.77 g/100g
Saturated Fatty Acids (Acid Form)	1.77 %
Monounsaturated Fatty Acids (Acid Form)	0.387 g/Serving Size
Monounsaturated Fatty Acids (Acid Form)	0.387 g/Serving Size
Monounsaturated Fatty Acids (Acid Form)	1.79 g/100g
Monounsaturated Fatty Acids (Acid Form)	1.79 %
Polyunsaturated Fatty Acids (Acid Form)	0.715 g/Serving Size
Polyunsaturated Fatty Acids (Acid Form)	0.715 g/Serving Size
Polyunsaturated Fatty Acids (Acid Form)	3.31 g/100g
Polyunsaturated Fatty Acids (Acid Form)	3.31 %
Trans Fatty Acids (Acid Form)	0.0069 g/Serving Size
Trans Fatty Acids (Acid Form)	0.0069 g/Serving Size
Trans Fatty Acids (Acid Form)	0.032 g/100g
Trans Fatty Acids (Acid Form)	0.032 %
Total Fatty Acids	1.56 g/Serving Size
Total Fatty Acids	1.56 g/Serving Size
Total Fatty Acids	7.23 g/100g
Total Fatty Acids	7.23 %
Cholesterol	
Cholesterol	<0.22 mg/Serving Size
Carbohydrates	
Total Carbohydrates	4.28 g/Serving Size
Total Dietary Fiber	
Total Dietary Fiber	1.38 g/Serving Size
Sugar Profile	
Fructose	0.04 g/Serving Size
Glucose	0.04 g/Serving Size

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Analysis	Result
Sugar Profile	
Sucrose	0.06 g/Serving Size
Lactose	<0.02 g/Serving Size
Maltose	0.06 g/Serving Size
Galactose	<0.02 g/Serving Size
Total Sugar	0.22 g/Serving Size
Protein (N x 6.25) Dumas Method	
Protein	13.7 g/Serving Size
Vitamin A as Retinol	
Vitamin A from Retinol	<21.6 IU/Serving size
Vitamin C	
Vitamin C	12.4 mg/Serving Size
Elements by ICP Emission Spectrometry	
Calcium	34.3 mg/Serving Size
Iron	4.15 mg/Serving Size
Sodium	208 mg/Serving Size
Ash	
Ash	0.892 g/Serving Size
Moisture	
Moisture	1.14 g/Serving Size

Method References	Testing Location
Ash (ASHM_S:5) Official Methods of Analysis of AOAC INTERNATIONAL, 18th Ed., Method 923.03, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (2005). (Modified)	Covance Laboratories - Madison
Calories (CALC:4) United States Department of Agriculture, "Composition of Foods" Agricultural Handbook, No. 8, pp. 159-160, (1975).	Covance Laboratories - Madison
Calories from Fat (CFAT:3) United States Department of Agriculture, "Composition of Foods" Agricultural Handbook, No. 8, pp. 159-160, (1975).	Covance Laboratories - Madison

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Method References	Testing Location
Carbohydrates (CHO:7) United States Department of Agriculture, "Energy Value of Foods", Agriculture Handbook No. 74, pp. 2-11, (1973).	Covance Laboratories - Madison
Cholesterol (CHOK_S:8) Official Methods of Analysis of AOAC INTERNATIONAL 18th Ed., AOAC INTERNATIONAL, Gaithersburg, MD, USA, (2005), Official Method 994.10. (Modified)	Covance Laboratories - Madison
Elements by ICP Emission Spectrometry (ICP_S:17) Official Methods of Analysis of AOAC INTERNATIONAL, 18th Ed., Method 984.27 and 985.01, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (2005). (Modified)	Covance Laboratories - Madison
Fatty Acid Profile (FPT_S:18) Official Methods of Analysis of AOAC INTERNATIONAL (2005) 18th Ed., AOAC INTERNATIONAL, Gaithersburg, MD, USA, Official Method 996.06. (Modified) Official Methods and Recommended Practices of the AOCS Ce 2-66 (2009), Ce 1h-05 (2009), and Ce 1j-07 (2011).	Covance Laboratories - Madison
Moisture (M100T100_S:5) Official Methods of Analysis of AOAC INTERNATIONAL, 18th Ed., Methods 925.09 and 926.08, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (2005). (Modified).	Covance Laboratories - Madison
Protein (N x 6.25) Dumas Method (DGEN_S:5) Official Methods of Analysis of AOAC INTERNATIONAL, 18th Ed., Methods 968.06 and 992.15, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (2005). (Modified)	Covance Laboratories - Madison
Sugar Profile (SUGN_S:9) Mason, B. S., and Slover, H. T., "A Gas Chromatographic Method for the Determination of Sugars in Foods," Journal of Agricultural and Food Chemistry 19(3):551-554 (1971). (Modified) Brobst, K. M., "Gas-Liquid Chromatography of Trimethylsilyl Derivatives, Methods in Carbohydrate Chemistry," 6:3-8, Academic Press, New York, NY, (1972). (Modified)	Covance Laboratories - Madison
Total Dietary Fiber (TDFL_S:11) Official Methods of Analysis of AOAC INTERNATIONAL (2005) 18th Ed., AOAC INTERNATIONAL, Gaithersburg, MD, USA, Official Method 991.43. (Modified)	Covance Laboratories - Madison
Vitamin A as Retinol (VALC_S:9) Official Methods of Analysis of AOAC INTERNATIONAL, 18th Ed., Methods 2001.13, 992.04, AND 992.06, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (2005). (Modified)	Covance Laboratories - Madison

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Method References	Testing Location
Vitamin C (VCF_S:7) Official Methods of Analysis of AOAC INTERNATIONAL, 18th Ed., Method 967.22, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (2005). (Modified)	Covance Laboratories - Madison
Testing Location(s)	Released on Behalf of Covance by
Covance Laboratories - Madison 3301 Kinsman Blvd Madison WI 53704 608-242-2712 x4170	Lori Ross - Associate Director  Testing Cert #2918.01

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