

3301 Kinsman Boulevard  
Madison, WI 53704

ISS Research

<b>Client Sample Name:</b>	<b>Oh Yeah! Almond Fudge Brownie Protein Bar</b>	<b>Covance Sample Number:</b>	<b>46179</b>
<b>Sample Status</b>	<b>Authorized</b>	<b>Sample Serving Size</b>	85.0 g
<b>Project ID</b>	ISS_RESRCH-20080915-0001	<b>Number Compositd</b>	3
<b>Login Date</b>	15-Sep-2008	<b>Disposal Instructions</b>	Dispose 60 days after final reported
<b>Storage Condition</b>	-70 (+/- 10) Degrees Celsius		

<u>Analysis/Result Name</u>	<u>Result</u>	<u>Result per Serving</u>	<u>Result per Daily Value</u>
<b>Calories</b>			
Calories	413 Cal/100g	351 Cal/Serving size	
<b>Fat</b>			
Fat	15.1 g/100g	12.8 g/Serving Size	19.7% Daily Value US
<b>Carbohydrates</b>			
Total Carbohydrates	31.9 g/100g	27.1 g/Serving Size	9.0% Daily Value US
<b>Sugar Profile</b>			
Sucrose	4.1 g/100g	3.5 g/Serving Size	
Glucose	2.0 g/100g	1.7 g/Serving Size	
Fructose	1.6 g/100g	1.4 g/Serving Size	
Maltose	1.3 g/100g	1.1 g/Serving Size	
Lactose	0.2 g/100g	0.2 g/Serving Size	
Galactose	<0.1 g/100g	<0.09 g/Serving Size	
Total Sugar	9.2 g/100g	7.8 g/Serving Size	
<b>Protein</b>			
Protein	37.5 g/100g	31.9 g/Serving Size	
<b>Ash</b>			
Ash	1.95 g/100g	1.66 g/Serving Size	
<b>Moisture</b>			
Moisture	13.6 g/100g	11.6 g/Serving Size	

## ISS Research

### Method References

---

#### **Ash**

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

#### **Calories**

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

#### **Carbohydrates**

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

#### **Fat**

Official Methods of Analysis of AOAC INTERNATIONAL, 18th Ed., Methods 922.06 and 954.02, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (2005).

#### **Moisture**

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

#### **Protein**

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

#### **Sugar Profile**

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)