

# Nutritional Testing & Analysis

Fitz Scientific offers comprehensive nutritional analysis services for food products, ensuring accurate labelling and regulatory compliance. These tests help manufacturers provide precise nutritional information to consumers, promoting transparency and trust.



## Service Information

### Nutritional Group 1 & 2

Nutritional analysis is essential for determining the nutrient content of food products, including macronutrients, vitamins, minerals, and other key components. Fitz Scientific provides a thorough analysis using advanced laboratory techniques to measure values for Calories, Fats, Proteins, Carbohydrates, Sugars, Fibre and Sodium. The service supports food manufacturers in developing accurate nutritional labels, which are crucial for consumer information and regulatory compliance. By providing detailed nutrient profiles, Fitz Scientific helps clients meet the requirements of food safety authorities and enhances product credibility.

### Elemental Testing Including Heavy Metals

Elemental testing is crucial for detecting the presence of essential minerals and potential contaminants such as heavy metals. Fitz Scientific uses advanced techniques to measure elements like sodium, potassium, calcium, iron, and trace heavy metals. This ensures that food products are safe for consumption and comply with health regulations.

### Sugar Profile

Understanding the sugar content in food products is vital for health-conscious consumers and regulatory standards. Fitz Scientific offers comprehensive sugar profiling, including analysis of total sugars, added sugars, and specific types like glucose, fructose, and sucrose.

### Fats and Fatty Acid Profile

Fitz Scientific provides detailed analysis of fats, including total fat, saturated fat, trans fat, and specific fatty acids like omega-3 and omega-6.

### Regulations & Standards Covered

- EU Regulation No. 1169/2011 on the Provision of Food Information to Consumers
- Food Safety Authority of Ireland (FSAI) Guidelines

### Key Features of the Service

- Nutritional Group 1 & 2
- Detailed Nutrient Profiling
- Accurate and Reliable Results
- Accredited Laboratory (INAB)
- Web Portal Results Access



To learn more about our services, schedule a sampling, or request a quote, contact Fitz Scientific at 041 9845440 (ext 1) or email [info@fitzsci.ie](mailto:info@fitzsci.ie).

By partnering with Fitz Scientific, businesses can be assured of quality of service, excellent customer support, world class monitoring and testing services.



MONITORING & TESTING

Accredited Laboratory

Views all our services



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