



Your Best Choice for Fatty Acid Profiling – FAME Analysis



BioDiagnostics, Inc. the chosen partner and trusted authority for the seed industry, provides customers critical information about the **fatty acid composition of their oil seeds and processed oils**. This service is essential for plant breeders modifying oil composition in crops such as canola, sunflower, and soybeans. It can also be used to determine the value of grain or oil in the marketplace.

Building on our Analytical Chemistry lab's reputation for accurate analysis of seed treatment application rates for the seed industry, we have expanded our analytical services to meet the needs of the oil seed industry by adding Fatty Acid Methyl Ester (FAME) analysis. Using the latest equipment, our **experts in Gas Chromatography (GC)** separate, identify and quantify fatty acid methyl esters. GC is used to yield reproducible fatty acid composition profiles that help to **ensure the highest quality oil in terms of taste, health and shelf life**.

Helping our customers to expand opportunities for the commercialization of breeding oil crops, we **identify and interpret patterns in quality assurance data** so appropriate decisions can be made in the use of oil seeds and processed oils. Our automated high throughput capabilities provide accurate results on a timely basis. Our customized testing services help reduce testing costs and our interpretation of results in today's marketplace offer you value beyond the data point.

Keeping pace with the needs of the seed industry, BioDiagnostics' fully integrated system includes DNA Molecular Technology, ELISA, Herbicide Bioassay, Isozyme Electrophoresis, Isoelectric Focusing and Analytical Chemistry. This advanced system provides a **full range of tests** that determine:

- Varietal Purity
- Event Identity, Zygoty and Adventitious Presence
- Trait Purity
- Seed Viability, Vigor and Purity
- Chemical Analysis

With precise diagnosis, constant innovation and a thorough perspective of the biotechnology landscape, we say with confidence...

When you test with BioDiagnostics, you test with the best.

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