

Case Study #94: Condiment Testing

Highlights

- Ability to test multi-constituents in condiments
- Near infrared product analysis in seconds
- Increased production levels
- Integration opportunity to in-line analyzer

Q5L a Success in Testing Unique Product and Ensuring Sample Repeatability

Situation:

A condiment manufacturer was looking to speed up production, but found that lengthy product testing times prevented the opportunity to do so.

In order to increase production, the facility needed to get accurate, repeatable sample measurements faster. Without this ability, the only way to increase production was building more lines at tremendous capital expense.

Improvement:

ESE's analytical specialists did various testing to ensure the Q5 analyzer series would recognize the multiple constituents of the customer's unique products. These in-depth tests produced better-than-expected results,

which indicated a high likelihood of a successful transition to a laboratory analyzer.

Result:

With ESE's Q5L near infrared product analyzer in place, the repeatable performance has been outstanding and the numbers have been well within required tolerances when compared to wet chemistry results.

Having the ability to do multi-constituent testing in less than five seconds allowed the plant to speed up production without a huge capital investment. Plus, the results have been so promising that ESE is helping the client evaluate how the Q5i in-line analyzer could improve production efficiencies and maximize profits even further.

**So Fast. So Easy.
So Reliable.**

See why so many food manufacturers are turning to ESE's engineering consultants to meet their automation needs ... and how the Q5 series can impact your day-to-day operations and significantly improve your plant efficiency. Contact us today and learn how the revolutionary Q5 analyzers can work for you.

8/16/07



Optimizing the Process.
Maximizing Your Profits.

tel: 800-236-4778
web: www.ese1.com
email: Q5@ese1.com

ESE
Engineering Solutions Experts