

DIGITAL NUTRITION

Unlock Greater Insights On Feed Ingredients



NIR

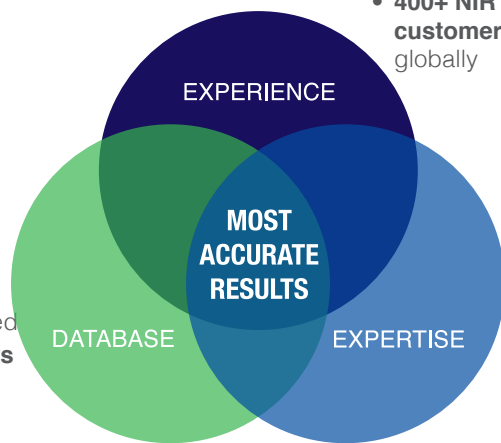
Near InfraRed Reflectance Spectroscopy (NIR) measures nutrient value of feed or feed ingredients.

- ✓ Quick and accurate ingredient analysis
- ✓ Reduce wet chemistry analysis cost
- ✓ Helps monitor and select best supplier
- ✓ More precise feed formulation

WHY PROVIMI?

OUR SERVICES YIELD THE MOST ACCURATE RESULTS

- The world's largest nutrient database with **2 million samples** added annually
- **30+ nutrient types** 10-15 more than commonly measured
- **12 million nutrients** analyzed per year (including anti-nutritional factors)



- **400+ NIR customers** globally

- **30+ NIR experts** worldwide, **8 NIR experts** in Asia
- **16 full wet chemistry labs** for NIR reference data

BENEFITS

ACCURATE FEED RESULTS ARE ESSENTIAL TO ACHIEVING LOWER COSTS



Feed Costs

from **\$0.50 up to \$10.00 per MT** of feed produced*

*based on customer data in Southeast Asia



Wet Chemistry Analysis Costs

\$35,000-64,000 per year#

#based on basic calculation of our NIR technology educing wet chemistry analysis



OUR SERVICES

REAP BENEFITS WITH OR WITHOUT EXISTING NIR CAPABILITIES

YOUR PREFERENCE

Perform NIR analysis directly from your facilities

Use your existing equipment

Perform NIR analysis through trusted partner

Support from Provimi NIR experts

PROVIMI'S SERVICES



NIR calibration
Nutrient validation
On-site training



Buy / lease NIR equipment
Machine set-up
On-site training
Nutrient validation



NIR analysis
Wet chemistry analysis

NUTRIENT COVERAGE

OVER 30 TYPES OF NUTRIENTS ANALYZED

GRAIN TYPE

Moisture,
Protein,
Fat,
Fiber,
Ash

ANIMAL-BASED INGREDIENTS

Moisture,
Protein,
Fat,
Ash,
Calcium,
Phosphorus

COMPLETE FEED

Moisture,
Protein,
Fat,
Ash,
Calcium,
Phosphorus,
Sodium Chloride

FATS & OILS

Moisture,
Unsaponifiables,
Insolubles,
Free Fatty Acids,
Peroxide Value

Provimi offers a complete suite of NIR services to help customers unlock cost savings with faster and more accurate results.

CONTACT US

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