DIGITAL NUTRITION

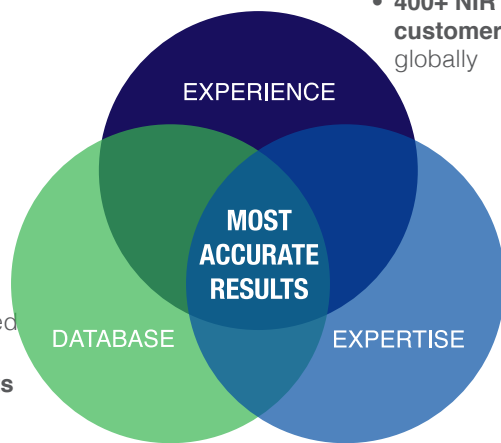# Unlock Greater Insights On Feed Ingredients

provimi®

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)

EXPERIENCE

- **400+ NIR customers** globally

MOST ACCURATE RESULTS

- **30+ NIR experts** worldwide, **8 NIR experts** in Asia

- **16 full wet chemistry labs** for NIR reference data

DATABASE

EXPERTISE

BENEFITS

ACCURATE FEED RESULTS ARE ESSENTIAL TO ACHIEVING LOWER COSTS

Feed Costs from **$0.5 to $10 per MT** of feed produced*
*based on customer data in Southeast Asia

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Wet Chemistry Analysis Costs **$35,000-64,000** per year#
#based on basic calculation of our NIR technology educing wet chemistry analysis

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OUR SERVICES
REAP BENEFITS WITH OR WITHOUT EXISTING NIR CAPABILITIES

YOUR PREFERENCE

Perform NIR analysis directly from your facilities	Perform NIR analysis through trusted partner
Use your existing equipment	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	ANIMAL-BASED INGREDIENTS	COMPLETE FEED	FATS & OILS
Moisture, Protein, Fat, Fiber, Ash	Moisture, Protein, Fat, Ash, Calcium, Phosphorus	Moisture, Protein, Fat, Ash, Calcium, Phosphorus, Sodium Chloride	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

Provimi Singapore Pte Ltd
138 Market Street #17-01 CapitaGreen, Singapore 048946
T 65 6295 1112   **E** asia@provimi.com

www.provimi-asia.com