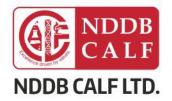
# **Analytical & Research Laboratory**



## CALF provides results with accuracy, proficiency & reliability

### **TESTING SERVICES**

Food and Agricultural Products (Milk & Milk products, Honey, Edible oils, Cereals, Fish, Spices, etc.)

- Nutrient constituents (Compositional, Vitamins, Trace minerals, etc.)
- Microbial analysis Pathogens and Non-Pathogens
- Residues (Heavy metals, Pesticides, Antibiotics)
- Mycotoxins, NOTS, PAH, PCBs, ETO, Dioxins

# Animal feed & Ingredients (As per IS:2052, IS:1664, IS:5470, etc.)

- Proximate (Compositional nutrients)
- · Vitamins, Macro and Micro minerals
- Microbial analysis (Pathogens and Non-Pathogens)
- · Residues (Heavy metals & Pesticides)
- Mycotoxins, NOTS, Dioxins

### Water

- Testing of water as per IS:14543, IS:13528, IS:10500, IS:4251
- Radioactive elements

### Cyto Genetics and Molecular Genetics

- Mixed Milk, A1/A2, GMO
- Breed purity and Breeding value
- Parentage verification, Genetic disorders, Karyotyping
- Brucellosis, BVD, IBR, Jhone's Disease

### **Food Grade Packaging Materials**

- Overall Migration, Specific migration
- Water Vapour Transmission rate (WVTR)
- Oxygen transmission rate (OTR)

# S:4251

### Proficiency Testing (PT) & Kit Verification

- Proficiency Testing services in Food & Animal feed
- Rapid testing kits verification
- Rapid testing machines verification

### Range of Equipment

LC-IRMS, EA-IRMS, LC-MSMS, GC-MSMS, ICP-MS, ICP-OES, OTR, WVTR, PCR, HPLC, GC, GENETIC ANALYSER, TEMPO & VIDAS



ISO 17025:2017 and ISO 17043:2010 accredited laboratory











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