



# Feeds & Feed Materials ring test 2021

Animal Nutrition ring test was created in 2011. The purpose of this collaborative test is to test the laboratories' performance on sample types and tests relevant to the animal nutrition industry. The laboratories can participate with their routine methods, wet chemistry and/or NIR. Two sets of results are accepted for each sample.

Last year there were 64 participants (38 wet chemistry + 26 NIR) from 26 countries in four continents.

Animal Nutrition ring test is ISO /IEC 17043 accredited.

(\*): non accredited tests

Distribution: 1 round per year, one shipment of 4 to 7 samples of 200 g

## Schedule 2021

Registration (See payment):	August 31 <sup>st</sup>
Dispatching samples:	September
Deadline for reporting results:	November 10 <sup>th</sup>
Preliminary report	November 17 <sup>th</sup>
Final report:	November 30 <sup>th</sup>

## Fee for participation

Per sample 135 €  
Preliminary and Final report, electronic version: 975 €  
**The fee includes one or two sets of results per sample if desired; wet chemistry and/or NIR**  
Minimum price 1110€- Maximum price 1785€  
Transport is included.  
The listed prices are exclusive VAT

## Payment

After receiving the registration form we will send the invoice to the participants.  
Cancellation is free until the sending of samples.  
After the sending of samples cancellation fee is 100%.





Providing for  
reliability

## The team

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## Raw material

Soya meal	Ash, Fat (acid hydrolysis), Fat (direct extraction), Fibre, KOH protein solubility, Moisture, Protein, Urease index
Meat&bone meal (Poultry meal)	Ash, Calcium (Ca), Fat (acid hydrolysis), Fat (direct extraction), Moisture, Pepsin digestibility (*), Phosphorus (P), Protein

## Feed

Poultry Feed	Ash, Calcium (Ca), Copper (Cu), Fat (acid hydrolysis), Fat (direct extraction), Fibre, Manganese (Mn), Moisture, Phosphorus (P), Protein, Salt (NaCl), Starch (Polarimetric), Zinc (Zn)
Cattle feed	Ash, Calcium (Ca), Fat (acid hydrolysis), Fat (direct extraction) Fibre, Fibre-acid detergent (ADF), Fibre-neutral detergent (NDF), Lignine acid detergent (ADL), Moisture, Phosphorus (P), Protein, Starch (Enzymatic), Starch (Polarimetric)
Calf milk replacer	Ash, Calcium (Ca), Copper (Cu), Fat (acid hydrolysis), Fa, (direct extraction), Iron (Fe), Lactose, Magnesium (Mg), Manganese (Mn), Moisture, Potassium (K), Protein, Salt (NaCl), Selenium (Se), Vitamin A (retinol), Vitamin E (as acetate), Zinc (Zn)

## Premix

Premix	Cobalt (Co), Copper (Cu), Iron (Fe), Magnesium (Mg), Manganese (Mn), Selenium (Se), Vitamin A (retinol), Vitamin D3, Vitamin E (as acetate), Zinc (Zn)
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Listed on

**eptis**  
www.eptis.org

**masterlab**  
a Nutreco company