masterlab

	MOISTURE and ASH	T.A.T
ISO	Ash	4 days
	Ash Molasses	4 days
ISO	Dry Matter 104°C	4 days
ISO	Dry Matter 130°C	4 days
	Dry Matter (vacuum)	4 days
ISO	Dry Matter 60	4 days
	Insoluble Ash	10 days
ISO	Moisture 100°C	4 days
ISO	Moisture in Meat	4 days
	Organic Matter	10 days

NIR	T.A.T
Scan NIR (*)(**)	4 days
Package NIR forage (NIR+MS 60)	3 days

(*)FEEDS AND INGREDIENTS ANALYSIS :

ADF (Ankom), Nitrogen linked to ADF, ASHES, Crude Fiber, Dry Matter, Moisture, Fat, Crude Fat (Acid Hydrolysis), NIR NDF ankom, NIR NDF, Protein

(**) FORAGE ANALYSIS :

Acetic Acid, Lactic Acid, ADF, Nitrogen linked to ADF, Lignine, Ashes, Dry Matter, Moisture, Fat, Insoluble Fiber, FIN, FIN ashless, Potential Digestibility, Protein, Ca, Mg, P, Na, K, Sulfur

NIR Tamis **(Wheat Hard Vfine Grnd Blk, Wheat Soft Vfine Grnd Blk, Maize Fine Roll Blk, Maize Fine Grnd Blk, Maize Vfine Grnd Blk, Barley Vfine Grnd Blk)**	5 days

	MINERAL	T.A.T
ISO	ICP Sample Preparation	3days(hay)/4days(feed)
	ICP Sample Preparation Heavy Metals	10 days
	ICP Sample Preparation Micro-Wave	3days(hay)/4days(feed)
ISO	ICP Sample Preparation Selenium	10 days
ISO	Ca, Na, Cu, Fe, K, Mg, Mn, P, Zn	3days(hay)/4days(feed)
	Al, Co, Mo, Ni, Cd, Cr, Pb, Ti	10 days
	Sb, As (ICP sample prep inclus)	10 days
	Hg (ICP sample prep inclus)	10 days
ISO	Se	10 days
	Scan XRF **(Hay+Silage+RTM)(Ca, Fe, P, Mg, Na, K, Cu, Mn, Zn, S, Cl)**	3 days
	Scan XRF **(Supplement Poultry Feed)(Ca, P, Na)**	3 days

PROTEIN	T.A.T

ISO	Nitrogen %	4 days
ISO	Protein %	4 days
ISO	Available Protein (Must be run with Fibers)	4 days
ISO	Protein Bound to NDF (Must be run with Fibers)	4 days
ISO	ADFN (Must be run with Fibers)	4 days
	Protein Solubility KOH	10 days
	Protein Dispersion Index	10 days
ISO	Sulfur	4 days

AMINO ACIDS (Must be run with Crude Protein)	**T.A.T**
Amino Acids Package (Excluding Tryptophan)	10 days
Alanine	10 days
Arginine	10 days
Aspartic Acid	10 days
Cystine	10 days
Glutamic Acid	10 days
Glycine	10 days
Histidine	10 days
Hydroxyproline	10 days
Isoleucine	10 days
Leucine	10 days
Lysine	10 days
Methionine	10 days
Phenylalanine	10 days
Proline	10 days
Serine	10 days
Taurine	10 days
Threonine	10 days
Tryptophan	15 days
Tyrosine	10 days
Valine	10 days
New ***Amino Acids by Titration***	15 days

ORGANIC ACIDS	**T.A.T**
Acetic Acid	10 days
Acetic Acid (in meats)	15 days
Butiric Acid	10 days
Citric Acid (Tetracid)	10 days
Formic Acid	10 days
Fumaric acid (Tetracid)	10 days
Iso-Butiric Acid	10 days
Iso-Valeric Acid	10 days
Lactic Acid	10 days

	Lactic Acid (in meats)	15 days
	Malic acid (Tetracid)	10 days
	Orthophosphoric acid	10 days
	Propionic acid	10 days
	Sorbic Acid	10 days
	Valeric Acid	10 days

	MIXING TEST	T.A.T
	Mixing Test Chloride 9	10 days
	Mixing Test Chloride 10	10 days
ISO	Mixing Test 9 (Choose one mineral : Ca, P, Mg, K, Na, Cu, Fe, Mn, Zn)	10 days
ISO	Mixing Test 10 (Choose one mineral : Ca, P, Mg, K, Na, Cu, Fe, Mn, Zn)	10 days
ISO	Mixing Test Sodium 10+ MS60	10 days
ISO	Mixing Test Sodium 10+ Mn 10	10 days
ISO	Mixing Test Selenium 10	10 days
	Mixing Test Phytase 9 (Quantum Blue)	10 days
	Mixing Test Phytase 6 (Quantum Blue)	10 days
	Mixing Test Phytase 9 (Ronozyme)	10 days
	Mixing Test Phytase 6 (Ronozyme)	10 days
ISO	Mixing Test Crude fat 9	4 days
ISO	Mixing Test Protein 9	4 days

	DRUGS	T.A.T
	Microtracer	5 days
ISO	**Medication Scan LC-MSMS**	10 days
ISO	Amprolium LCMS	10 days
ISO	Chlortetracycline LCMS	10 days
ISO	Clopidol LCMS	10 days
ISO	Lincomycin LCMS	10 days
ISO	Monensin LCMS	10 days
ISO	Narasin LCMS	10 days
ISO	Nicarbazin LCMS	10 days
ISO	Oxytetracycline LCMS	10 days
ISO	Penicillin LCMS	10 days
ISO	Ractopamine LCMS	10 days
ISO	Salinomycin LCMS	10 days
ISO	Sulfadiazine LCMS	10 days
ISO	Sulfamethazine LCMS	10 days
ISO	Tylosin LCMS	10 days
ISO	Virginiamycin LCMS	10 days
ISO	Decoquinate LCMS	10 days
ISO	Robenidin LCMS	10 days

ISO	Tiamuline LCMS	10 days
ISO	Tilmicosin LCMS	10 days
ISO	Trimethoprim LCMS	10 days
	Avilamycin (Surmax) - LC	5 days
	Lasalocid Sodium - LC	5 days
	Maxiban (Narasin) - LC	5 days
	Monteban (Narasin) - LC	5 days
	Ractopamine - LC	5 days
ISO	Rumensin/Coban - LC	5 days

	FAT	**T.A.T**
ISO	Crude Fat	4 days
ISO	Crude Fat (Ankom)	4 days
ISO	Crude Fat (Acid Hydrolysis)	10 days
ISO	Fatty Acid Profile	10 days
ISO	Lipids in eggs	10 days

	ANIMAL FAT and OILS	**T.A.T**
	Anisidine	10 days
	Colour	10 days
	Ethoxyquin	10 days
	Free Fatty Acid (fat and oils)	10 days
	Free Fatty Acid (feed)	10 days
ISO	Insoluble Impurities	10 days
	Iodine Value	10 days
	Malonaldehyde (MDA)	10 days
	Moisture and Volatile Matter	10 days
	Peroxide value (fat and oils)	10 days
	Peroxide value (feed)	10 days
	Saponification value	10 days
	Totox (Total Oxidation Value)	10 days

	FIBERS	**T.A.T**
ISO	ADF Hot Plate	4 days
ISO	ADF Ankom	4 days
ISO	NDF Hot Plate	4 days
ISO	NDF Ankom	4 days
ISO	NDF ash free	4 days
	Lignine ADL	10 days
ISO	Crude Fiber	4 days
ISO	Soluble Fiber(Insoluble Fiber+Total Dietary Fiber)	10 days
ISO	Insoluble Fiber	10 days

ISO	Total Dietary Fiber	10 days
	Fibre Cinétique (Fibre Diététique+Fibre Insoluble+Lignine)	10 days
	Cellulose (ADF-ADL)	4 days
	Hemi-Cellulose (NDF-ADF)	4 days

	VITAMINS	T.A.T
ISO	Vitamin A	10 days
ISO	Retinol	10 days
ISO	Vitamin A (Premix)	10 days
ISO	Beta-carotene	10 days
ISO	Vitamin C	10 days
	Vitamine D3 (Micro and supplement)	10 days
	Vitamine D3 25OH(Micro and supplement)	10 days
	Vitamine D3 Total	10 days
ISO	Vitamin E	10 days
ISO	Vitamin A et E (eggs)	10 days
	Forfait Vitamine D LCMS (D3 + 25OH)	10 days

	SUGARS	T.A.T
ISO	**Total Sugar** (Fructose, Glucose, Lactose, Maltose, Sucrose)	10 days
ISO	Fructose	10 days
ISO	Glucose	10 days
ISO	Lactose	10 days
ISO	Maltose	10 days
ISO	Sucrose	10 days
	Stachyose	10 days
	Raffinose	10 days
	Ethanol Soluble Carbohydrates (ESC)	10 days

	MYCOTOXINS	T.A.T
ISO	Deoxynivalenol (DON)	2 days
ISO	Acetyl-Deoxynivalenol	2 days
ISO	Zearalenone	2 days
ISO	T-2 toxin	2 days
ISO	HT-2 toxin	2 days
ISO	Deoxynivalenol-3-glucoside	2 days
ISO	Aflatoxin B1	2 days
ISO	Aflatoxin B2	2 days
ISO	Aflatoxin G1	2 days
ISO	Aflatoxin G2	2 days
ISO	Fumonisin B1	2 days
ISO	Fumonisin B2	2 days

ISO	Ochratoxin A	2 days
	Diacetoxyscirpenol	2 days
	Mycophenolic acid	2 days
	Sterigmatocystin	2 days
ISO	Basic Package (Deoxynivalenol (DON), Acetyl-Deoxynyvalenol, Zearalenone, T2, HT-22)	2 days
ISO	Complete Package (Pkg base + Deoxynivalenol-3-glucoside, Aflatoxins B1, B2, G1, G2, Fumonisin B1 and B2, Ochratoxin A)	2 days
ISO	Pet Food Package (Deoxynivalenol (DON), Acetyl-Deoxynyvalenol, Aflatoxins B1, B2, G1, G2)	2 days
ISO	Package Aflatoxins	2 days

	NUTRITIONAL LABELING	T.A.T
ISO	***Package Nutritional Labelling*** :Total Dietary Fiber, fatty acid profile, cholesterol, minerals, sugars, moisture, protein, Vitamin A, Beta Carotene, Vitamin C, ash	10 days
ISO	***Package Nutritional Labelling - No Vit*** :Total Dietary Fiber, fatty acid profile, cholesterol, minerals, sugars, moisture, protein, ash	10 days

	NUTRITIONAL LABELING PET FOOD	T.A.T
ISO	***Package Nutritional Labelling*** :Total Dietary Fiber, fatty acid profile, cholesterol, minerals, sugars, moisture, protein, Vitamin A, Beta Carotene, Vitamin C, ash	10 days

	PHYSICAL TEST	T.A.T
	Density	5 days
	Durability	5 days
	Fine Percentage	5 days
	Sieve Dairy	5 days
	Sieve KSU	5 days
	Specific Weight	5 days
New	*Corn Silage Processing Score (CSPS) + NIR*	**5 days**

	VARIA	T.A.T
	Angle of repose	10 days
	Astaxanthin	10 days
	Brix degrees	4 days
	Buffer capacity (pH 3.0)	10 days
	Buffer capacity (pH 4.0)	10 days
	Calcium solubility	10 days
	Canthaxanthin	10 days
	Capsaicin	10 days
	Chloride	5 days

ISO	Cholesterol	10 days
	Gelatinised Starch	5 days
	pH Forrages and feeds	2 days
	Nitrate in forage	5 days
	Phytase (Quantum Blue)	10 days
	Phytase (Ronozyme)	10 days
	Phytates (Phytic Acid)	15 days
	Saponines (Profile)	15 days
	Smell	4 days
	Starch	5 days
	Titratable Acidity	5 days
	Trypsin Inhibitor Activity	10 days
	Urease Activity	10 days
	Package Soya - NOPA (Dry matter before grinding, Dry matter, Protein, Crude fiber)	4 days

	MICROBIOLOGICAL ANALYSES	**T.A.T**
ISO	Total coliforms - Count	1-2 days
ISO	Fecal coliforms - Count	1-2 days
ISO	Total aerobic bacteria - Count	2 days
ISO	*Escherichia coli - Count*	1-2 days
ISO	Enterobacteriaceae - Count	24 h
	Listeria - detection	7 days
	Listeria - confirmation	3 - 6 days
ISO	*Salmonella spp.* - detection	2 days
ISO	*Salmonella spp.* - confirmation	3 - 6 days
	Serotype - *Salmonella spp.*	EXT
ISO	Yeasts - Count	7 days
ISO	Molds - Count	7 days
ISO	Package Yeasts and Molds	7 days
	Staphylococcus aureus	7 days
	Lactic Acid Bacteria	7 days
	Determination water activity	7 days

WATER ANALYSES

BACTERIOGICAL WATER ANALYSES	**T.A.T**
Atypical Colonies (*)	2 days
Enterococci (*)	2 days
Escherichia coli (*)	2 days
Fecal *streptococci*	2 days
Heterotrophic plate count	2 days
Molds (density)	2 days

	Pseudomonas spp. (genus)	2 days
	Pseudomonas spp. (genus) - confirmation	2 days
	Pseudomonas aeruginosa	2 days
	Pseudomonas aeruginosa- confirmation	2 days
	Fecal coliforms	2 days
	Total coliforms (*)	2 days
	Yeasts	2 days

(*) Longer deadlines will be applied if confirmation is necessary

	CHEMICAL WATER ANALYSES	T.A.T
	Alkalinity	5 days
	Chloride	5 days
	Conductivity	5 days
	Hardness (Ca, Mg)	5 days
ISO	Ca, P, Mg, K, Na, Cu, Fe, Mn, Zn in water	5 days
	Al, Co, Mo, Ni, Cd, Cr, Pb, Hg, Ti in water	5 days
	Nitrates in water	5 days
	Nitrites in water	5 days
	Peroxide in water	5 days
	pH (water)	5 days
	Phenol Comp in water	5 days
	Phosphates in water	5 days
	Selko Prohydro	5 days
	Selko Prohydro Plus	5 days
	Selko S	5 days
	Selko S Plus	5 days
	Sulfates in water	5 days
	Total Sulfides	5 days
	Total Dissolved Solids	5 days
	Total suspended solids	5 days

If the analysis you are looking for is not in our list, contact us.