



Client code (to choose from the drop-down menu)

SAMPLE SHIPPING SLIP (out of feed)

Laboratory settings

N° Enreg.	
N° kits	
Poids du colis	

VISA - DATE

APPLICANT (if different from the results recipient)	Name		First name		Tel	
	Company			Email		

RESULT RECIPIENT	Name		First name		Tel	
	Company					
	Postal address					
	Postcode		City		Country	
	Email					

INVOICING DATA (if different)	Name		First name		Tel	
	Company					
	Postal address					
	Postcode		City		Country	
	Email					

QUOTATION NUMBER *	N° / L	* if the quotation number indicated is no longer in force, the analyses requested will be carried out at the updated cost
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Please check the required tests (details on the back)

<p>CONSTITUENTS - REFERENCE METHOD</p> <input type="checkbox"/> Moisture content ^{(1) CG} <input type="checkbox"/> Ash <input type="checkbox"/> Organic matter <input type="checkbox"/> Protein <input type="checkbox"/> Total nitrogen <input type="checkbox"/> Crude fiber <input type="checkbox"/> Starch (Ewers) <input type="checkbox"/> Sugar ST <input type="checkbox"/> Fat content ST <input type="checkbox"/> Digestibility (Aufrere method) <input type="checkbox"/> NDF <input type="checkbox"/> ADF <input type="checkbox"/> ADL ST Mineral elements ST : <input type="checkbox"/> Ca <input type="checkbox"/> P <input type="checkbox"/> K <input type="checkbox"/> Others : ...	<p>PHYSICAL ANALYSIS</p> <input type="checkbox"/> TKW <input type="checkbox"/> Specific weight <input type="checkbox"/> Cracking <input type="checkbox"/> Flour granulometry Commercial analysis : <input type="checkbox"/> Addendum <input type="checkbox"/> Intervention <input type="checkbox"/> Simplified <p>TECHNOLOGICAL ANALYSIS</p> <input type="checkbox"/> Promatest ^{CG} <input type="checkbox"/> Flottation <input type="checkbox"/> Hominy gross yield <input type="checkbox"/> Cornmeal gross yield <input type="checkbox"/> WAXY purity	<p>SEED ANALYSIS</p> <input type="checkbox"/> TSW ISTA <input type="checkbox"/> Moisture content ISTA ^{CF} <input type="checkbox"/> Specific purity ^{CF} <input type="checkbox"/> Other seeds by number ^{CF} <input type="checkbox"/> Cold test <input type="checkbox"/> Protein electrophoresis (UTLIEF) <input type="checkbox"/> Heubach test ^{CF} <input type="checkbox"/> Heubach active substance <input type="checkbox"/> Counting pollen grains <input type="checkbox"/> Radicle emergence ISTA Germination media ^{CF} : <input type="checkbox"/> Paper <input type="checkbox"/> Organic <input type="checkbox"/> Sand Active ingredient loading ⁽⁵⁾ : <input type="checkbox"/> HPLC / LCMSMS <input type="checkbox"/> LCMSMS Cofrac ^{CG} <input type="checkbox"/> Other analysis (to be precised) :
<p>CONSTITUENTS - INFRARED METHOD ⁽²⁾</p> <input type="checkbox"/> Dry matter <input type="checkbox"/> Main constituents <input type="checkbox"/> Mineral elements	<p>BIO-TECHNOLOGICAL ANALYSIS</p> <input type="checkbox"/> GMO detection on soybean (P35S, tNOS, pFMV, PAT, AgroBorder II) ^{CG} Detection & Quantification of GMOs in maize ^{CG} <input type="checkbox"/> P35S/tNOS <input type="checkbox"/> VCO-1981-5 <input type="checkbox"/> AgroBorder II	
<p>FEEDING VALUE (UF, ENERGY, PDI, ...) ⁽³⁾</p> <input type="checkbox"/> Bovine <input type="checkbox"/> Ovine <input type="checkbox"/> Caprine <input type="checkbox"/> Porcine <input type="checkbox"/> Poultry <input type="checkbox"/> Equine	<p>CONTAMINANT ANALYSIS</p> Mycotoxins & Phytotoxins by LCMSMS ^{(4) CG} : <input type="checkbox"/> Menu A <input type="checkbox"/> Menu B <input type="checkbox"/> Menu C <input type="checkbox"/> Menu D <input type="checkbox"/> Alkaloids (Datura)	

ST Contracted out analysis ^{CG} Accredited analysis COFRAC N° 1-1821 ^{CF} Accredited analysis COFRAC N° 1-2313

Sample identification

Laboratory settings			Type of sample (maize, sorghum, silage RGI, ...)	Reference to be mentioned on the report <i>Check the box to indicated the an Excel file is attached</i> <input type="checkbox"/>
N°	Poids (g)	Sacherie		
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

By using this form, the Customer acknowledges having read the General Conditions of Sale (available on www.germ-services.fr or on request) and having accepted them.

Date
Signature

.. / .. /

Description of the analysis

(1) **MOISTURE CONTENT**: the method used will depend on the product

GRAIN MAIZE : NF EN ISO 6540 (*)

CEREALS & CEREAL PRODUCTS (BLE, BARLEY, ...) : NF EN ISO 712 (*)

FEED : EUROPEAN UNION REGULATION (CE) N° 152/2009

LEGUMES : ISO 24557 (*)

OILSEEDS : NF V 03-909 (*)

* Accredited method (GERM-Services / N°1-1821 scope available on www.cofrac.fr)

(2) **CONSTITUENTS - INFRARED METHOD**: list of components for different types of forage

FEED MAIZE : Crude proteins, Ash, Crude fiber, NDF, ADF, ADL, Starch, Total sugars, Crude fat, Enzymatic digestibility

FODDER SORGHUM : Crude proteins, Ash, Crude fiber, NDF, ADF, ADL, Starch, Total soluble sugars, Crude fat, Enzymatic digestibility, Tannins, Total phenols

GRASS / SILAGE / WRAPPING / MEADOW HAY, GRASS, LEGUME, MESLIN, MIX ... : Crude proteins, Ash, Crude fiber, NDF, ADF, ADL, Starch, Total soluble sugars, Crude fat, Digestibility

DRY GRAIN / WET / INERT CORN : Crude proteins, Crude fiber, Starch, Crude fat

GRAIN SORGHUM : Crude proteins, Crude fiber, Starch, Crude fat

CORN DISTILLERS GRAINS : Crude proteins, Ash, Crude fiber, Starch, Crude fat



(3) **FEEDING VALUE (UF, ENERGY, PDI, ...)**:

BOVINE / OVINE / CAPRINE : OMD, UF, PDI, UE (excepted for concentrated feed), starch degradability (dT_am), dNDF, Fatty acids, DAAI, ... (INRA2007 et INRA2018)

PORCINE / POULTRY : Energy digestibility, NE, ... (NOBLET)

EQUINE : UFC, MAD, MADC

(4) **DESCRIPTION OF ANALYTICAL MENUS - QUANTIFICATION OF MYCOTOXINS & PHYTOXINS BY LCMSMS**:

MENU A ** / *** : Deoxynivalenol, 3 et 15 acetyl deoxynivalenol, Fusarenone X, Diacetoxyscirpenol, HT2-toxin, T2-Toxin, Nivalenol, Zearalenone

MENU B ** / *** : Aflatoxins B1, B2, G1 et G2

MENU C *** : Ochratoxin A

MENU D ** / *** : Fumonisin B1 et B2

ALKALOÏDS (DATURA) *** : Atropine, Scopolamine

** Accredited molecules on cereals / *** Accredited molecules on feed (GERM-Services / N°1-1821 scope available on www.cofrac.fr)

(5) **LIST OF ACCREDITED MOLECULES & ANALYTICAL METHODS - ACTIVE INGREDIENT LOADING**

The laboratory is able to analyze almost all the molecules used in seed treatment.

ANALYSIS METHOD : The laboratory will implement its accredited method only upon request and within its scope of accreditation (GERM-Services / N°1-1821 scope available on www.cofrac.fr). When the accredited method is not requested, the laboratory will use either its HPLC method or its simplified LCMSMS method to perform the quantification. The method used depends on the molecule and its application dose.

LIST OF ACCREDITED MOLECULES FOR CORN, STRAW CEREALS AND OILSEEDS : Azoxystrobin, Carboxine, Chlorpyrifos, Clothianidine, Cymoxanil, Cyprodinil, Difenoconazole, Fipronil, Imidaclopride, Mercaptodiméthur, Métalaxyl-M, Prochloraz, Prothioconazole, Tébucanazole, Thioclopride, Thiaméthoxam, Thirame, Triticonazole.

Do not hesitate to contact our laboratory for any analysis not included in the list.

Recommended amounts

GRAINS : Maize GMOs : 3 kg / Soybean GMOs : 2.2 kg / Moisture content : 0.3 kg / Promatest : 0.5 kg / Other analysis : 1 kg

WET FORAGE : 0.5 kg / **DRY FORAGE**: 0.15 kg

FEED : 0.5 kg



SEEDS : 1 kg for: germination test, purity, other seeds by number for maize (for other species refer to chapter 2 of the ISTA rules), 1kg for maize GMOS and 0.6kg for soybean GMOs

0.5 kg for Heubach test and active ingredient loading

0.1 kg for moisture content

BAGS SPECIFICITIES : **Waterproof bag**: promatest, moisture content

Craft bag: Heubach test, germination test, purity & other seeds by number

Standard deadlines (in working days)

CONSTITUENTS - REFERENCE METHOD 10 working days

SEED ANALYSIS / GERMINATION TEST 7 working days

CONSTITUENTS - INFRARED METHOD 4 working days

SEED ANALYSIS / COLD TEST 15 working days

PHYSICAL ANALYSIS 6 working days

SEED ANALYSIS / H₂O & PURITY 4 working days

BIO-TECHNOLOGICAL ANALYSIS/GMOS 5 working days

SEED ANALYSIS / ACTIVE INGREDIENT LOADING 8 working days

TECHNOLOGICAL ANALYSIS / PROMATEST 4 working days

SEED ANALYSIS / HEUBACH 3 working days

TECHNOLOGICAL ANALYSIS 10 working days

CONTAMINANT ANALYSIS 5 working days (grains) / 10 working days (feed)



Accreditation

The laboratory has COFRAC accreditation for the following analyses:



Laboratoire **GERM-Services** / Accreditation **N° 1-1821** : Promatest, Moisture content (maize, cereals, oilseeds, legumes) , Mycotoxins on cereals & feed, Phytotoxins on feed, detection of maize and soybean GMOs, Active ingredient loading (maize, wheat, rapeseed)

Laboratoire **FNPSMS** / Accreditation **N° 1-2313** : Heubach test, Germination test, Purity and other seeds by number, Moisture content

Scopes available on www.cofrac.fr

Shipping

SHIPPING ADDRESS: Laboratoire GERM-Services / FNPSMS, 21 Chemin de PAU, 64121 MONTARDON



RECOMMENDATIONS: **Fementable samples** (forrages,...) : Express shipment type Chronopost 24h
Stabilized samples : Classic 48h shipment type Colissimo