

INGOT® calibration packages



Description of INGOT®

INGOT® (International NIR Global Operating Technologies) is a set of universal NIR calibrations for the analysis of raw materials and finished products.

Creation of INGOT®

Calibration is a question of experience:

Central Laboratories (CL), UK and Walloon Agricultural Research Centre of Gembloux, Belgium (CRA-W) have decades of spectroscopy experience in NIR calibration development. They offer a selection of pre-calibrated applications in the fields of food and feed products.

Six advantages of INGOT® technology

- Simple routine production analysis
- Reference chemistry is performed with official methods
- Description of nearly a decade of seasonal, geographical and product variation
- INGOT® calibrations are continually expanded
- Very low customer maintenance required
- Full technical support available

INGOT Packages for NIRFlex N-500 are available for the analysis of:

- Feed and Feed Ingredients
- Flour and Milling Products

INGOT® calibration packages for Büchi NIRFlex N-500

The INGOT® calibration packages are adapted to the NIRFlex N-500 data format. The import is straightforward and the calibration models are ready to use from the very first day. Büchi Labortechnik AG will provide technical assistance to the end users of INGOT® models. The calibration packages can be tested before final order.

Level 4															
Complete Feed and Feed Ingredients 049300															
Level 3	Feed Only 049301						Ingredients Only 049302								
Level 2	Concentrates	Poultry	Ruminant	Swine	Equine	Aqua Feed (Unspecified)	High Protein Low Oil Seed	High Protein High Oil	Low Protein Low Oil	Low Protein High Oil	Cereals	Animal Proteins	Legumes	Milk Powders	
	049391	049304	049303	049305	049306	049307	049308	049312	049311	052028	049309	049315	049313	049388	
Level 1	Poultry Concentrate	Broiler	Beef	Finisher Pig	Race Horse		Corn Gluten 60 %	Rape/Pulse Mix	Citrus	Palm Kernel Low Oil	Biscuit Meal High Oil	Barley	Fish Meal	Beans	Dried Whey
	049392	049324	049318	052007	049329		049338	049360	049353	049355	052029	049340	049370	049365	049390
	Broiler Concentrate	Chick	Sheep	Gestation Sow	Pony		Cotton Extract	Rape Seed Expeller	Cocoa	Potato	Copra High Oil	Maize (Corn)	Meat & Bone Meal	Peas	Skimmed Milk
	049393	052003	049317	049328	049330		049335	052021	049337	052018	052030	049343	049369	049363	049389
	Duck Concentrate	Duck	Calf	Grower Pig	Horse		Groundnut Extract	Soya Full Fat	Copra Meal	Rice	Maize Germ	Oats	Blood & Plasma	Lupins	
	049394	049323	049319	049327	052008		052009	052022	049336	049342	049362	049341	052033	049364	
	Layers Concentrate	Game	Dairy	Piglet			Linseed Extract	Sunflower Seeds	Corn Gluten Feed 20 %	Rice Bran Extract	Palm Kernel High Oil	Triticale	Feather Meal	Alfalfa (Lucerne)	
	049395	052004	049316	049325			049334	052023	049351	049349	052031	049346	052034	049368	
	Ruminant Concentrate	Goose	Dairy Blends				Malt Residue	Cotton Seed Expeller	Cracker Wheat	Seed Screenings	Rice Bran High Oil	Wheat	Poultry By-products		
	049296	052005	052037				052010	052024	052013	052019	052032	049339	052035		
	Dairy Concentrate	Layers	Lamb				Rape Meal Extract	Linseed Expeller	Distillery Low Protein	Sugar Beet		Red Wheat	Bone Meal		
	049397	049321	052002				049333	052025	052014	049354		052012	052036		
	Blends Concentrate	Ostrich	Goat				Soya Meal Extract	Whole Rape	Locust Bean	Wheatfeed (Middlings)		Sorghum			
	049398	052006	049320				049331	049359	049357	049347		049345			
	Swine Concentrate	Turkey					Sunflower extract	Sesame Expeller	Maize Germ Low Oil	Barley Bran		Rye			
	049399	049322					049332	052026	052015	052020		049344			
	Pig Finisher Concentrate						Sesame Meal Extract	Soyabean Expeller	Oat Feed	Biscuit Meal Low Oil					
	052000						052011	052027	052016	049352					
	Pig Growner Concentrate						Distillery High Protein	Whole Soyabean	Oat Flour	Oat Bran					
	052001						049350	049358	052017	049348					
								Whole Linseed	Grass Meal	Shea Nut Meal					
								049361	049366	049356					

Level 4	Complete Flour and Milling 049371									
Level 3	Flour Only 049372					Milling Only 049373				
Level 2	Bread Flour 049374	Buiscuit Flour 049375	Whole Meal 049376	Cake Flour 049377	Semolina 049378	Whole Wheat 049379	Ground Wheat 049380	Co-Products 049381		
Level 1						Hard Wheat 049382	Hard Wheat 049384			
						Soft Wheat 049383	Soft Wheat 049385			
						Durum 049387	Durum 049386			



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