

# Bruins Instruments Calibrations



a **KPM** ANALYTICS brand



Robust applications in transmission and reflectance



Bruins Instruments' calibrations are available for a wide range of applications. Depending on the product type, these calibrations are based on either reflectance or transmission measurements, and thus are suitable for use on specific Bruins' analyzer models.

The calibrations have been created from many years' worth of data and in many cases, diverse geographical areas. This creates stable and robust calibrations which work well out of the box for most sample types.

The calibrations available are listed below.

## TRANSMISSION CALIBRATIONS FOR ALL AGRICHECK ANALYZERS:

Product	Moisture/ Water	Protein	Fat/Oil	Fibre	Starch	Notes
Barley	✓	✓			✓	
Corn	✓	✓	✓		✓	Milling Index, Cys, Lys, Met
Malt - Barley	✓	✓				Extract, sol. Nitrogen, Viscosity
Malt - Wheat	✓	✓				Extract, sol. Nitrogen, Viscosity, Gluten
Oats	✓	✓				
Rapeseed	✓		✓			Oil is dry
Rice	✓	✓				Amylose, FFA, Score
Rye	✓	✓				
Sorghum	✓					
Soybeans	✓	✓	✓	✓		Linolenic Acid, Sat. FA
Spelt	✓	✓				
Triticale	✓	✓				
Wheat	✓	✓			✓	Gluten, W, Starch, Zeleny



## TRANSMISSION CALIBRATIONS FOR FOODCHECK ANALYZERS:

Product	Moisture/ Water	Protein	Fat/Oil	Dry Matter	Fat i DM	Notes
Cheese			✓	✓	✓	
Cheese - Light			✓	✓	✓	
Cheese - Cream Cheese			✓	✓	✓	
Cheese - Processed Cheese			✓	✓	✓	
Chicken	✓	✓	✓			Salt
Cream			✓	✓	✓	
Curd			✓	✓	✓	
Meat	✓	✓	✓			Collagen, BEFFE
Olives	✓		✓			
Sausage	✓	✓	✓			Collagen, BEFFE
Sausage Dough	✓	✓	✓			Collagen, BEFFE
Sausage Light	✓	✓	✓			BEFFE
Yogurt			✓	✓	✓	





## REFLECTANCE CALIBRATIONS FOR INFRACHECK AND AGRICHECK PLUS:

Product	Moisture/Water	Protein	Fat/Oil	Fibre	Ash	Dry Matter	Fat i DM	Starch	Notes
Alfalfa	✓	✓	✓	✓	✓				Lignin, ADIN,NDIN,NDF
Baby Food	✓	✓	✓	✓					
Bone Meal	✓	✓	✓		✓				
Cat Feed	✓	✓	✓	✓	✓				
Cattle Feed	✓	✓	✓	✓	✓				
Chocolate	✓	✓	✓						Sugar
Chocolate Powder	✓		✓						Sugar
Coffee	✓								Caffeine, Nitrogen, Tannin, NDF
Corn Bran	✓	✓	✓	✓	✓				
Corn Gluten	✓	✓						✓	
Corn Meal	✓	✓	✓						
Dog Feed	✓	✓	✓	✓	✓				
Feed	✓	✓	✓	✓	✓				
Feed High Protein	✓	✓	✓	✓	✓				
Fertilizer	✓					✓			Nitrogen
Fish Feed	✓	✓	✓	✓	✓				
Fish Meal	✓	✓	✓	✓	✓				
Milk powder	✓	✓	✓			✓			
Mixed Spices									Dextrose, Glutamate, Salt
Pig Feed	✓	✓	✓						
Potato Chips		✓	✓						Carbohydrates
Poultry Feed	✓	✓	✓	✓					Met. Energy
Rice Bran	✓	✓		✓					
Soybean Cake	✓	✓	✓	✓	✓				
Soybean Meal	✓	✓	✓	✓	✓				
Sunflower	✓	✓	✓						
Sunflower Meal	✓	✓	✓	✓					
Wheat Bran	✓	✓	✓	✓					
Wheat Flour	✓	✓			✓				Gluten
Whey Powder	✓	✓	✓			✓			

## ORDERING INFORMATION

Part Number	Description
BRU-CAL-01R	Reflectance Calibration. Must specify the product type when ordering.
BRU-CAL-01T	Transmission Calibration. Must specify the product type when ordering.



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