



Environment, soil, geology, marine science



Organic chemistry, pharmacy



Food analysis & security



Petrol chemistry, coal, energy



Quality control


Nitrogen


in pet food (pets crunches)


Instrument: ECS 8060


Mode: N,protein

Pretreatments: grinding

 Via Milano,15/A - 20060 Bussero (MI), Italy

 Phone: +39 02 950 34 69

 www.nctechnologies.it

 info@nctechnologies.it



NC TECHNOLOGIES

Innovative Elemental μ -Analysis

Nitrogen in Pet Food



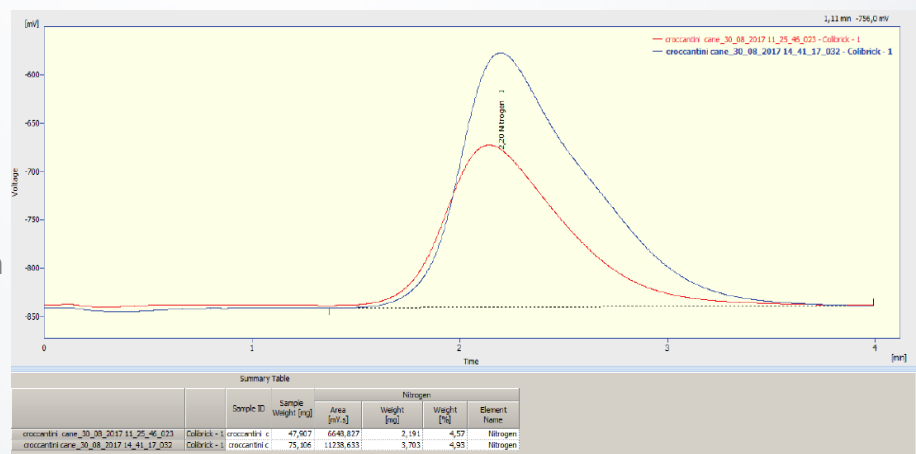
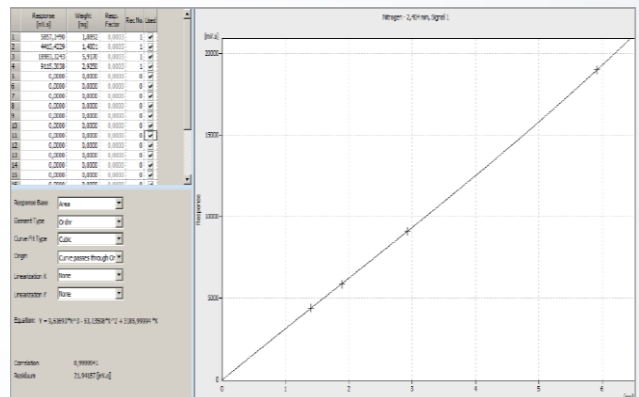
The protein content of food is normally determined based on its nitrogen content; this is multiplied by the coefficient 6.25, thus obtaining the crude protein.

In reality, part of the nitrogen of fodder and other foods is not protein in nature, deriving from free amino acids, amides, various organic compounds (nitrogenous bases), as well as from ammonia compounds.

The determination of Nitrogen content assumes a relevant role for the determination of quality of products and from a veterinary point of view.

By using ECS8060, nitrogen determination in pet food is easy and low-cost. Thanks to its versatility, both wet and dried samples can be analyzed, giving always high analysis performances and accuracy.

Parameter	Nitrogen
Average	4.60
Standard deviation	0.04
Average Accuracy	0.92
All reported values unit: %	



- ✓ Configuration: N,protein
- ✓ Furnaces: No. 2
- ✓ Sampler: Pneumatic
- ✓ Chemical standard: Acetanilide

To send your samples for free demonstration analyses:
info@nctechnologies.it

For analytical and technical questions:
customerservice@nctechnologies.it



Quality control