



Environment, soil, geology, marine science



Organic chemistry, pharmacy



Food analysis & security



Petrol chemistry, coal, energy




Quality control

Nitrogen in chemical fertilizers


Instrument: ECS 8060


Mode: N,protein

Pretreatments: grinding

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NC TECHNOLOGIES
Innovative Elemental μ -Analysis

Nitrogen in chemical fertilizers

Nitrogen is one of the most important elements for plant nutrition and agronomy. Its importance is linked to the plant growth and biomass production. The cultivations involved in this are from food sector, zootechnology and no food sector (like energy or industrial purposes). Biomass yield and biomass quality are fundamental aims and nitrogen based fertilizers are one of the most important tools.

Nitrogen has a wide impact on environment, in soils, water and ecosystems.

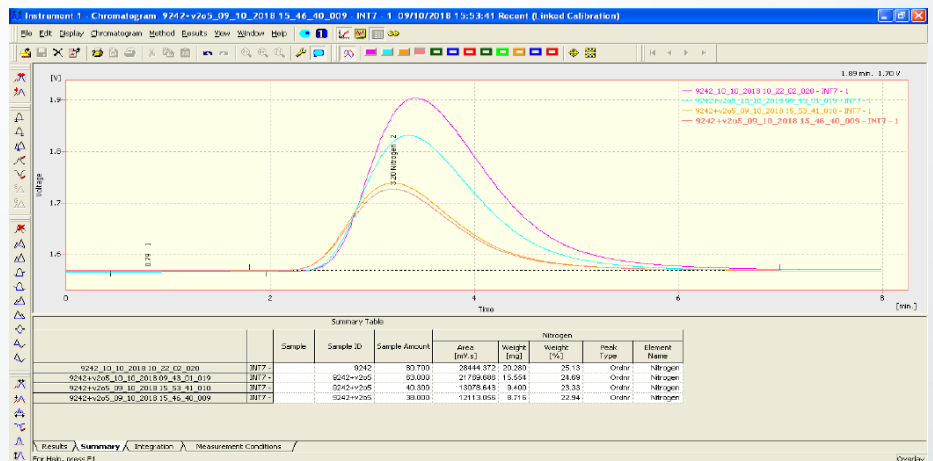
Therefore, Nitrogen determination has to be precise, fast and user friendly. ECS8060 allows to obtain Nitrogen percentages in a fast way, with customized and high efficiency consumables and chemicals.



	Fertilizer A	Fertilizer B	Fertilizer C
Average	24.1	20.1	30.4
Standard deviation	0.35	0.08	0.20
Average Accuracy	1.44	0.40	0.60

All reported values unit: %

- ✓ Configuration: N,protein
- ✓ Furnaces: no. 2
- ✓ Sampler: Pneumatic
- ✓ Chemical standard: Sulfanilamide



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

For analytical and technical questions: customerservice@nctechnologies.it



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