Sprint® | Rapid Protein Analyzer

Sprint vs. Kjeldahl

Which test would you rather use?

Sprint Protein Analyzer

- Accurate, 3-minute test
- Uses non-toxic tagging solution
- No hazardous waste costs

Kjeldahl Method

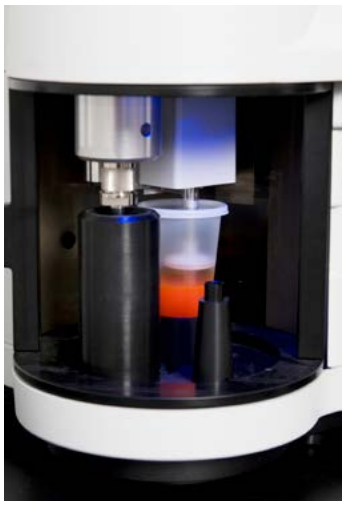
- Takes 4 hours to perform
- Uses sulfuric acid heated to high temperatures
- Requires specialized disposal of hazardous waste

Accurate Results You Can Depend On

Sample ID	Percentage of Protein	
	Kjeldahl	Sprint
Non-fat Dry Milk Powder	35.33	35.58
Milk	3.27	3.27
Soy Milk, Chocolate Flavored	2.08	2.12
Chocolate Milk	3.27	3.27
Malt	7.94	7.84
NIST 1846 Infant formula	11.17	11.14
Bologna, Chicken and Pork Blend	11.33	11.39

Lower your chemical waste disposal costs and make your lab safer.

Be certain that your products are meeting your quality specifications. Reduce your hazardous waste and make your lab safer with the award-winning Sprint Rapid Protein Analyzer. Our environment-friendly, easy-to-use systems give you fast, accurate results you can depend on every time.



Sprint Pays for Itself

With its rapid test time and low cost per sample, Sprint can help you run your process at optimal conditions and lower your analysis, water usage, and hazardous waste disposal costs. Sprint gives you a protein value fast enough for you to make a change to your process, which means less re-work.

The cost per test for the Sprint is $3.55 and about 3 minutes per test. If a laboratory performs one Kjeldahl test per day the cost is $8.03 (See breakdown chart below).

Kjeldahl Method — Cost Per Test

	Amount Per Test	Cost Per Test
NaOH (Sodium Hydroxide)	60 mL	$0.66
H SO (Concentrated Sulfuric Acid)	20 mL	$0.77
Catalyst (Copper Sulfate)	2 tablets	$1.13
Weighing Paper	1 sheet	$0.01
Standard Hydrochloric Acid Solution, 0.2 N	20 mL	$1.37
Kel-Sorb (Boric Acid buffer solution with indicator)	60 mL	$0.49
Waste Cost	200 mL	$3.60
Cost Per Test		**$8.03**
Total Time to Analyze Samples		**3.2 hours**

For more information or to order, contact CEM Corporation at 800-726-3331 or info@cem.com.