



# ROWE SCIENTIFIC

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## A Comparison between the DUMAS and KJELDAHL Methods



DUMAS	KJELDAHL
<b>High Productivity</b> - Non-stop performance	<b>Less Productivity</b> - Inability to operate continuously
<b>Time Saving</b> - Few minutes required	<b>Time-consuming</b> - Analyses last hours
<b>Low Cost of Ownership</b> - Moderate running costs	<b>Affordable Equipment Cost</b>
<b>Totally Unsupervised</b> - Fully automated process	<b>Partly Unsupervised</b> - Not entirely automated process
<b>Dry Chemistry</b> - No chemicals	<b>Wet Chemistry</b> - Uses chemicals
<b>Eco-friendly</b> - Less residues and no wastes produced	<b>Costly Wastes Produced</b> - Residues must be disposed of
<b>Officially recognized method</b> - Gaining in international use with advanced instruments	<b>Worldwide Official Method</b> - Traditional technique, simple equipment

### FIELDS OF APPLICATION

The NDA is extremely versatile, being suitable for nitrogen and protein determination in many kinds of samples, in accordance with official AOAC, AACC, ASBC, ISO and OIV methods.



**Food, feed and beverage industry**



**Environmental industry**



**Pharmaceutical and chemical industry**

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