



Consumables for Kjeldahl

For reliable digestions and distillations

BUCHI offers not only high quality instrumentation but also approved consumables that are tested for the most common reference applications.

Ready
to use



Chemicals for digestion

The selection of the catalyst is a crucial factor for the digestion efficiency and speed.

The nitrogen free weighing boats are perfect to easily weigh in powder, sticky, or other difficult samples.

Item	For	Qty	Order Code
Weighing boats Nitrogen-free paper, 58x10x10 mm	Sample preparation	100 pcs	11060522
Kjeldahl Tablets Titanium 3.5 g K_2SO_4 / 0.105 g $CuSO_4 \cdot 5 H_2O$ / 0.105 g TiO_2	Digestion	1000 pcs	11057980
Kjeldahl Tablets Missouri 4.98 g K_2SO_4 / 0.02 g $CuSO_4 \cdot 5 H_2O$	Digestion	1000 pcs	11057982
Kjeldahl Tablets ECO 3.998 g K_2SO_4 / 0.002 g $CuSO_4 \cdot 5 H_2O$	Digestion	1000 pcs	11057983
Kjeldahl Tablets Titanium Micro 1.5 g K_2SO_4 / 0.045 g $CuSO_4 \cdot 5 H_2O$ / 0.045 g TiO_2	Digestion	1000 pcs	11057981
Kjeldahl Tablets Copper Micro 1.5 g K_2SO_4 / 0.15 $CuSO_4 \cdot 5 H_2O$	Digestion	1000 pcs	11057985
Kjeldahl Tablets Antifoam 0.97 g Na_2SO_4 / 0.03 g Silicon Antifoam	Digestion	1000 pcs	11057984



Chemicals for Scrubber

Item	For	Qty	Order Code
Activated charcoal granules The activated charcoal in the adsorption stage, holds back particles. It also enables the aerosols to recondensate.	Adsorption step	150 g	11064971
Glasswool The glass wool prevents charcoal from being drawn into the vacuum pump.	Adsorption step	30 g	033701

Chemicals for distillation and titration

The chemicals from BUCHI are designed and elaborated to achieve reproducible and reliable results. A crucial factor for reliable results is the correctly prepared boric acid receiver solution. The BUCHI boric acid solution contains the right amount of indicator in a 2 or 4 % boric acid solution with adjusted pH for potentiometric and colorimetric titrations.

Item	For	Qty	Order Code
Buffer pH 4.00 \pm 0.01 in twin-neck bottle, traceable to NIST	pH calibration	250 mL	11064974
Buffer pH 7.00 \pm 0.01 in twin-neck bottle, traceable to NIST	pH calibration	250 mL	11064975
KCl saturated To enlarge the lifetime of the maintenance free gel electrode it is important to store the electrode in an electrolyte solution.	Electrode storage	250 mL	11064978
Sher mixed indicator The Sher indicator is ready to use and needs no further dilution or any other preparation work. It is perfectly suitable for the titration in boric acid.	Titration	100 mL	003512
pH starter kit Contains: buffer pH 4 and pH 7, Sher indicator and KCl saturated	pH calibration, Titration, Electrode storage	60 mL each 100 mL 60 mL	11064977
2% boric acid pH 4.65 \pm 0.15 with Sher indicator The boric acid is ready to use, as the concentration, the pH as well as the correct ratio of indicator is maintained.	Distillation	5 L	11064972
4% boric acid pH 4.65 \pm 0.15 with Sher indicator The boric acid is ready to use, as the concentration, the pH as well as the correct ratio of indicator is maintained.	Distillation	5 L	11064973
4% boric acid pH 4.65 \pm 0.15 with bromocresol green/methyl red mixed indicator The boric acid is ready to use, as the concentration, the pH as well as the correct ratio of indicator is maintained.	Distillation	5 L	11064976
Ammonium phosphate monobasic, traceable to NIST SRM 194. Reference substance for the verification and OQ of the Kjeldahl distillation units.	Verification and OQ	25 g	045527

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www.buchi.com/kjeldahl/consumables



Genuine BUCHI sample tubes

Original glassware from BUCHI guarantees safety, precision and durability that customers can rely on. With own manufacturing facilities and decades of experience the quality of glass parts has been improved continuously.

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Applications

Ready-to-use detailed applications and guides comprise of the entire procedure from milling to digestion, distillation and titration. Customized solutions are developed in close collaboration whenever you face new requirements, changing circumstances or new parameters to be determined.



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Apps ease your daily work

Strong customer relationships result in a growing number of practical apps facilitating your daily routine. With the Kjeldahl Optimizer you predict the best process parameters. And the Kjeldahl Reports allows you to calculate results and create reports.



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