

NEW BUCHI Kjeldahl Tablets

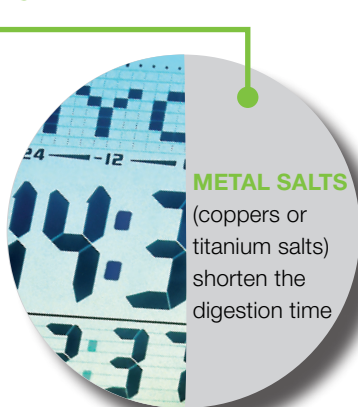
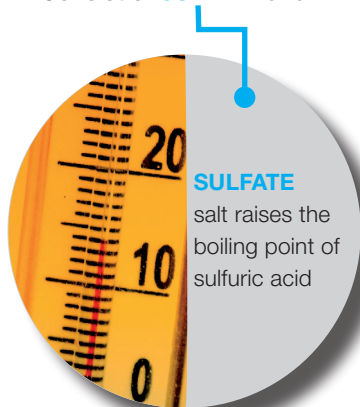


Benefits:

- Time saving
- Broad range for most sample types
- Easy to use
- High flexibility
- Maximum foam-reduction
- Environmentally friendly

The Kjeldahl Tablets

- Massive acceleration of Kjeldahl digestion
- Consist of **SULFATE** and **METAL SALTS**



BUCHI Range of Kjeldahl Tablets

Article (box of 1000 pcs.)	Benefit	Composition
Titanium # 11057980	Time saving	3.5 g K_2SO_4 / 0.105 g $CuSO_4 \cdot 5 H_2O$ 0.105 g TiO_2
Titanium Micro # 11057981	Reduced chemical amount	1.5 g K_2SO_4 / 0.045 g $CuSO_4 \cdot 5 H_2O$ 0.045 g TiO_2
Missouri # 11057982	Easy to use and universally applicable	4.98 g K_2SO_4 0.02 g $CuSO_4 \cdot 5 H_2O$
ECO # 11057983	Environmentally friendly	3.998 g K_2SO_4 0.002 g $CuSO_4$
Antifoam # 11057984	Maximum foam reduction	0.97 g Na_2SO_4 0.03 g Silicone Antifoam
Copper Micro # 11057985	Reduced chemical amount	1.5 g K_2SO_4 0.15 g $CuSO_4 \cdot 5 H_2O$

Choosing the Correct Tablet

What to consider when choosing a tablet?

- Safety aspects
- Temporal aspects
- Ecological aspects
- Foam formation
- Chemical amount

KEEP IN MIND

Ideal digestion conditions are achieved with

2 ml H₂SO₄ to 1 g of catalyst

- Boiling point of 370°C
- No loss of nitrogen
- Minimal time needs

Use the enclosed decision wheel to select the tablet that best suits your needs.

Weight	Recommendation
3.71 g	Optimal compromise between environmental and performance priorities.
1.59 g	Same as Titanium (11057980) but for semi-micro-Kjeldahl & micro-Kjeldahl applications.
5 g	The digestion with the Missouri catalyst is more environmentally friendly.
4 g	Our most environmentally friendly catalyst, due to the very low copper content.
1 g	Used as a general purpose foam suppressant. This catalyst has to be combined with Titanium Micro (11057981) or Copper Micro (11057985).
1.65 g	Combo tablets for antifoam or for micro Kjeldahl applications

Turn the Decision Wheel

Use the decision wheel to choose the catalyst that best suits your needs.

1. Select the correct side of the wheel according to your application

- Standard Kjeldahl method
- Micro-Kjeldahl method

2. Rotate the wheel till your decision factors appear

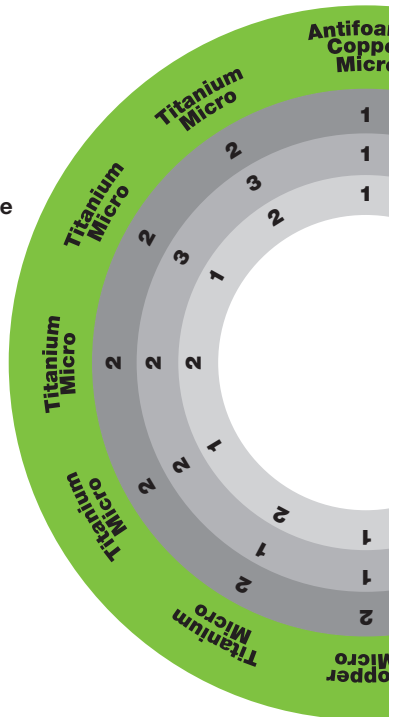
- Foam formation of sample
- Time requirements for digestion
- Environmental importance

Example

Fast digestion of a non-foaming sample

1. Standard Kjeldahl application
↳ select side for "standard Kjeldahl"
2. No foam formation
↳ foam formation "no"
3. Fast digestion
↳ temporal aspects important "2"

Recommended tablet: Titanium



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Quality in your hands

