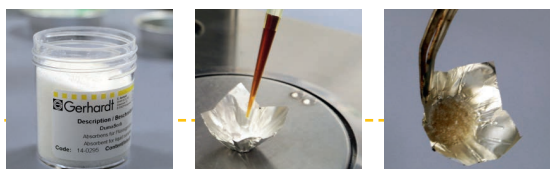




## Ideal for the Nitrogen Analysis in Liquid Samples

### Superabsorber for Liquid Samples

Prior to the analytical combustion, liquid samples must be hardened by a suitable nitrogen-free absorber. Ideally, this absorber does not produce any ash and thus, will not require any additional change of the ash insert. The Superabsorber from C. Gerhardt complies with this demand to nearly 100 % and is very economical.

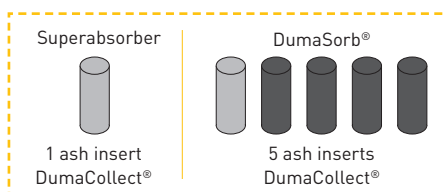


Preparation of a liquid sample with an absorbent

### EXTREMELY ECONOMICAL

price/sample saving  
**80%**

The Superabsorber produces next to no ash. Compared to a usual absorber (e.g. DumaSorb®) at least 5 times more samples can be analysed, until the ash insert must be changed. This saves time and money.



Example: Beer  
200 mg sample – number of required ash inserts for 120 samples

Absorber saving  
**50%**

The absorption capacity of the Superabsorber is double compared to the usual absorber DumaSorb®. For the same amount of sample only the half amount of absorber is needed:  
4 parts of sample - 1 part of Superabsorber or 2 parts of DumaSorb®

### UNIVERSAL APPLIANCE

- + The Superabsorber can be used for nearly all types of liquid samples and also for pasty samples such as ketchup.
- + It sets samples like beer, juice, starch milk, water and wastewater at once and reliably. Samples containing salt or fat need 1 to 4 minutes more, depending on the consistence and fat content.

	water, beer, juice, starch milk, wastewater	soy sauce, milk, liquid fertilizer*	oil, mayonnaise, ketchup
<b>Setting time</b>	immediately	2 - 3 minutes	5 minutes



BEER / WORT



MILK



WATER / WASTEWATER



OIL



SAUCES / MAYONNAISE



JUICE



FERTILIZER / LIQUID FERTILIZER

### \* DUMATHERM® N Pro Most suitable for the analysis of fertilizer

Especially in the combustion process of fertilizers, concentrated acidic solutions occur which can cause corrosion and deposits within the instrument. In DUMATHERM®, these problems are eliminated to the greatest possible extent by use of chemical resistant materials and in addition by the special Upgrade Kit 18, order no. 14-0231.

**Superabsorber, absorbent for liquid samples, 50 g – order no. 14-0295**