

The Pollen Analytical Standard can be dissolved in water or in HCl. The standard has been prepared in a slightly different way compared to that described by Stockmarr (1971, 1973). It is based mainly on sodium carbonate, some polyethyleneglycol and traces of spores of *Lycopodium clavatum*. New for this batch is that the sodium bicarbonate has been replaced by sodium carbonate. These materials must be carefully washed away with water. The spores in the standard are acetolysed.

The spore concentration has been determined with an electronic particle counter, Coulter Counter ZB (cf. Stockmarr 1973), tube size 100 µm. 100 samples of ten tablets each taken from different places in the batch were prepared by dissolving the tablets in Isoton II NaCl solution in 100 ml flasks. 5 counts each of 1 ml were made on each sample.

Result of the calibration (10 tablets):  $X = 96\ 660$        $s = \pm 2123$        $V = \pm 2.2 \%$

**For one tablet: X = 9 666**

For mean and standard deviation for different numbers of tablets, see below.

#### Production

The Pollen Analytical Standard tablets for calibration of pollen analyses have earlier been produced and distributed by dr Jens Stockmarr, Copenhagen. In October 1980 this business was taken over by the Department of Quaternary Geology in Lund. It is performed as an official commission approved by the University of Lund. A new batch, No. 3862, is now produced and tablets are available. The tablets were prepared, pressed and calibrated in Sweden.

#### Distribution and price

The Pollen Analytical Standard will be distributed in plastic bottles with 250 tablets per bottle. New price list for 2016, see below.

To order, send an email to [pollentab@geol.lu.se](mailto:pollentab@geol.lu.se) and state number of bottles, name, delivery address, invoice address and very important, within the European Union, **your VAT number** (otherwise we must charge extra for taxes). We accept payment by VISA and MASTERCARD online.

#### Payment

An invoice will be sent with the tablets (outside EU) or by post separately (within EU). Do not pay until the tablets and the invoice have arrived. **The invoice no. must always be quoted with your payment.** It is possible to pay by VISA or Mastercard.

**Contact** Please, do not hesitate to contact us on [pollentab@geol.lu.se](mailto:pollentab@geol.lu.se) with questions or comments.

**New Price 2016**

1-2 bottles	800 SEK + postage
3-5 bottles	700 SEK + postage
6-9 bottles	600 SEK + postage
10-49 bottles	500 SEK + postage
50-99 bottles	450 SEK + postage
100+ bottles	400 SEK + postage