

## New product release

**New Soil Standards now available:**

Cat No	Material	Pack	% C*	U (%)	% TIC**	% TOC**	% N*	U (%)	% S**
B2176	Soil Standard (Peaty)	30g	15.95	0.30	0.4	15.5	1.30	0.02	0.41
B2180	Soil Standard (Sandy)	30g	0.85	0.05	0.1	0.8	0.10	0.01	0.01
B2182	Soil Standard (Silty)	30g	2.20	0.05	0.3	1.9	0.20	0.01	0.02
B2184	Soil Standard (Clay)	30g	2.30	0.07	0.3	2.0	0.20	0.01	0.03
B2186	Soil Standard (Loamy)	30g	2.75	0.12	0.1	2.7	0.30	0.01	0.04
B2188	Soil Standard (Chalky)	30g	5.40	0.10	2.1	3.3	0.35	0.01	-----
B2196	Set of 6 Soil standards	6 x 30g							

Our soils are prepared as finely ground powders. After oven drying grinding and sieving to the required particle size, the soil is radiation sterilized to inhibit microbiological activity. The soils are subjected to gamma radiation from a cobalt-60 source to an absorbed dose of 28-50kGy.

\* **Note:** typical values shown. Actual values vary slightly from batch to batch; true values are shown on the certificate of analysis provided.

All materials are finely ground powders. All calibrations are traceable to NIST SRMs – full information is provided on the certificate of analysis. 'U' = measurement uncertainty according to ISO/IEC17025 and GUM (Guidelines to Uncertainty in Measurement).

\*\* **Note:** Values shown for %TIC, %TOC and %S are uncertified and given for information only.



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