

New Product Release

Reference materials for TOC, ROC* and TIC to DIN 19539

* Residual Oxidizable Carbon

Elemental Microanalysis is pleased to announce a new range of five reference materials for use when analysing to DIN 19539 standard.

DIN 19539 defines a new measurement method which overcomes problems with current practice:

- TOC₄₀₀ does not include the elemental carbon (important for waste management)
- Allows measurement of TOC/TIC without acid
- Provides a single-step measurement without sample preparation



B2295, Foundry sand



B2294, Incinerator ash



B2290, Silty soil

Part No	Description	Pack size	% TOC	% ROC	% TIC	% TC (SUM)
B2290	TOC/ROC/TIC silty soil standard	30g	1.5	0.4	0.3	2.2
B2292	TOC/ROC/TIC chalky soil standard	30g	2.7	0.5	1.3	4.5
B2293	TOC/ROC/TIC control standard	30g	2.0	1.8	2.0	5.8
B2294	TOC/ROC/TIC incinerator ash standard	30g	<0.1	0.8	0.3	1.1
B2295	TOC/ROC/TIC foundry sand standard	30g	1.1	1.8	0.1	3.0

Elemental Microanalysis is accredited to ISO 9001, and its laboratory to ISO 17025.

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