

New Product Information

New TOC catalysts for Shimadzu® analysers

Elemental Microanalysis is pleased to announce that our in-house R&D team has developed platinum catalysts suitable for use in Shimadzu TOC-L and TOC-V analysers. These catalysts are intended as a direct replacement for the standard platinum catalysts that Shimadzu offers.

The catalysts from Elemental use a zirconia support, rather than alumina, hence there is a colour and weight difference when compared to the OEM catalysts. Our zirconia versions offer the following advantages over the OEM catalyst:

- lower blank values - leading to lower practical limit of quantification
- stabilises more quickly - allows faster conditioning of catalyst when installing a new reaction tube
- longer lifetime - allows greater number of sample runs before replacement
- more robust - less prone to physical degradation



Platinum Catalyst-ST for Shimadzu TOC, B1609

Elemental Microanalysis offers a large range of consumables for the Shimadzu TOC-L/V series analysers, including combustion tubes, reagents, halogen scrubbers, platinum gauze, O-rings, and various other operational accessories.

Available Elemental TOC catalysts include:

Part	Description	Shimadzu part
B1609	Platinum Catalyst-ST for Shimadzu TOC 117 g (Equivalent to 33 g of 638-60246)	638-60246
B1610	Platinum Catalyst for Shimadzu TOC 71 g (Equivalent to 20 g of 638-60202-01)	638-60202-01
B1611	Platinum Catalyst for Shimadzu TOC 54 g (Equivalent to 15 g of 638-60202-00)	638-60202-00



C8060 combustion tube for Shimadzu TOC-L, packed with platinum gauze, silica wool, and the new B1609 platinum catalyst

Available to order from our [ISO 9001](#) factory online, by email, or telephone, these products offer the same high quality and value for money that is typical of Elemental

Microanalysis' entire product range. We offer extensive knowledge of analysis, over 45 years of experience and a worldwide reputation for excellence.

The use of Shimadzu® part numbers is intended for convenience only, and does not imply the products are of OEM origin. All Elemental Microanalysis products are guaranteed to be of high quality and are deemed to be suitable alternatives in the stated instruments. All Shimadzu® trademarks acknowledged.

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