

Reagecon

A CALIBRE SCIENTIFIC COMPANY



Total Organic Carbon Total Inorganic Carbon (TOC/TIC) Standards

Reagecon manufactures the most comprehensive range of Total Organic Carbon Standards on the marketplace

About Reagecon

Reagecon, part of the Calibre Scientific Group of companies is one of the largest producers of Physical and Chemical Standards. The company is based in an 8,000 sq. metre facility that includes a large suite of manufacturing, quality control and research and development laboratories in Shannon, Ireland with sales offices in Shanghai and North America, Europe and the UK through our Calibre Scientific sister companies. Reagecon employs 100 people, 50% are chemistry or science graduates and most are involved in the development, production, testing, quality control and sales & marketing of over 10,000 product references that we currently produce. We have a very active R&D programme and develop and bring to market many hundreds of new standards, every year.

All Reagecon manufactured products are underpinned by and demonstrate our position as a centre of excellence in the science of Metrology. Product is manufactured, tested, and certified under the applicable ISO/IEC 17025 (A2LA Ref: 6739.03) or ISO/IEC 17034 (A2LA Ref: 6739.01) accreditation or ISO/IEC 17025 (A2LA Ref: 6739.02) for Calibration, in one of our 20 specially equipped laboratories.

The resulting product is classified within one of 54 product families, these families are then grouped and promoted under 7 main product headings, as listed below:-

- ✔ Electrochemistry Standards
- ✔ Cation and Anion Standards
- ✔ Pharmacopoeia Reagents and Standards
- ✔ Physicochemical Standards
- ✔ Total Organic and Inorganic Carbon Standards
- ✔ Volumetric Solutions for Titration
- ✔ Customised Standards and Reagents



Total Organic Carbon Standards

Reagecon's Extensive Range of Total Organic Carbon Standards



Reagecon manufactures two ranges of **Total Organic Carbon (TOC)** and one range of **Total Inorganic Carbon (TIC)** Standards for ease of use when calibrating all types of TOC / TIC analysers, irrespective of brand.

All are manufactured using high purity USP or NIST raw materials in accordance with USP and other pharmacopoeia guidelines. These products are prepared gravimetrically on a weight by volume basis. Solute (salts) are weighed on a balance calibrated by Reagecon engineers using OIML traceable weights.

Reagecon holds IEC/ISO 17025 accreditation for calibration of laboratory balances. The TOC/TIC concentration of the standard is verified by analysis using a high performance calibrated Total Organic Carbon Analyser (TOC Instrument) using Reagecon's ISO 17025 accredited test method

Premium Instrument Specific Range

Reagecon's Premium **Instrument Specific Range** of TOC/TIC Standards are an independent range of standards suitable for use on all leading brands of TOC/TIC analysers for laboratory and online applications. The range includes independent standards for the brands listed alphabetically below

Analytika Jena	Comet Analytics	Lighthouse	Sievers
Anatel	Elementar	Membrapure	Swan Analytical
AQUA-Lab	Horiba	OI Analytical	Teledyne Tekmar
Beckman	Lachat	Shimadzu	Thornton

These standards are developed, validated, manufactured and tested to an extremely high specification. We believe that they offer real choice in the marketplace and represent exceptionally good value.

- Extensive range (50 ppb – 50,000 ppm / 0.05 mg/L to 50,000 mg/L)
- Products are produced from ultra pure raw materials including water that is prepared by a special proprietary process
- Presented in vials & containers that are manufactured, cleaned and leached, by a special proprietary process specifically for the product
- Manufactured in our dedicated TOC Laboratory
- ISO/IEC 17025 accredited TOC 475 µg/L to 52.5 mg/L and TIC 475 µg/L to 52.5 mg/L
- In accordance with USP <634> and <1051> guidelines
- Consistency of product – Independent, Traceable, Certified



Quality Range

These products were developed for a broader and more routine set of applications, than those of the **Premium Industry Specific range**. Although they are produced to a lower specification than the Premium Range they can be used on a wide variety of instruments, particularly where the higher specification Premium Range products are not required. This **Quality Range of standards** represents excellent value for money.

- ✔ Extensive range (5 ppm – 10,000 ppm)
- ✔ Represents excellent value for money
- ✔ Mixed TOC and TIC standards available as a normal part of the range
- ✔ Presented in special twin neck bottles (all values above 50 ppm, 500ml size) which prevents product contamination, evaporation or interference
- ✔ All values below 50 ppm are packed in specially cleaned and leached amber glass bottles

Contact Us

In addition to the products listed bulk sizes may be available upon request, please contact us with your request by emailing sales@reagecon.ie





Product No: TOC308
Lot No: TOC30818H1
Expiry Date: 28/06/19 Vol 500ml

Reagecon

Shannon Free Zone, Shannon, Co. Clare, Ireland
Telephone: +353 81 472022 Telex: +353 81 472042
Certificates of Analysis available: www.reagecon.com
E-mail: sales@reagecon.ie

Store at +5 -10°C

Product No: RTOCW500
Lot No: TOCW50018C1
Expiry Date: 26/06/18 Vol 1000ml

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Lot No: TOCW50018C1
Expiry Date: 26/06/18 Vol 1000ml

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