

Certificate of Analysis

Carbon Standard

TOC / TIC Mixed Standard (Equal conc. of Organic & Inorganic Carbon) 10 mg/L

Product No:	TOIC10	Date of Measurement:	16/04/2025
Lot No:	TOIC1025D1	Date of Sample Receipt:	16/04/2025
Expiry Date*:	28/04/2026	Date of Manufacture*:	16/04/2025

Specification:	Mean Measured Value:
9.5 - 10.5 mg/L as Organic Carbon	9.6 mg/L

Specification:	Mean Measured Value:
9.5 - 10.5 mg/L as Inorganic Carbon	9.7 mg/L

Method:

The result reported above was determined by analysis of a sample of this lot taken at time of manufacture. Test Method used was TPTOC. Tested using a TOC / TIC Analyser Sievers 900. This certificate relates solely to the sample as received by the laboratory, bearing the product code and lot number given above. The uncertainty of measurement for TOC has been calculated not to exceed $\pm 4.9\%$ at 95% confidence level, i.e., coverage factor $k=2$. The uncertainty reported above was estimated in compliance with the Guide to the Expression of Uncertainty in Measurement (GUM), JCGM 100:2008.

Method:

The result reported above was determined by analysis of a sample of this lot taken at time of manufacture. Test Method used was TPTIC. Tested using a TOC / TIC Analyser Sievers 900. This certificate relates solely to the sample as received by the laboratory, bearing the product code and lot number given above. The uncertainty of measurement for TIC has been calculated not to exceed $\pm 5.2\%$ at 95% confidence level, i.e., coverage factor $k=2$. The uncertainty reported above was estimated in compliance with the Guide to the Expression of Uncertainty in Measurement (GUM), JCGM00:2008.

Traceability:

The Test Results are traceable to the SI via National Reference Standards where applicable.

Storage Conditions:

Product must be stored at 5 to 30°C when not in use.

Accreditation:

Reagecon Diagnostics Ltd. is accredited to ISO 17025 by the American Association for Laboratory Accreditation, under scope 6739.03, for the test method, TPTOC or TPTIC, used to generate the above result. This accreditation deems Reagecon competent on a quality systems level and a technical level to perform the tests on the scope of accreditation. Reagecon has the Quality Management Systems in place to ensure that each individual test result generated using TPTOC or TPTIC is technically valid and is supported by appropriate uncertainty measurements.

Date of Issue of the Certificate :
16/04/2025

QC Supervisor
ASHTON Colin



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10 mg/L

All raw materials used to prepare this product are of high purity.

*The detail above is based on information supplied in writing by Reagecon Manufacturing.

Tested by Reagecon Quality Control Laboratories for Reagecon Manufacturing

This Certificate must not be reproduced except in full. Rev-QL004