



## TOC and TIC Calibration/QC Standards

Certificate of Analysis provided, NIST Traceable, A2LA Accredited, and ISO 9001:2000 Compliant

NIST-traceable standards are available for Total Organic Carbon (TOC) and Total Inorganic Carbon (TIC) analyses. A Certificate of Analysis is provided with the standard indicating its lot number and expiration date. TOC and TIC standards are manufactured and verified in accordance with ISO 9000:2001, and analyte concentrations are verified by an ISO 17025 accredited laboratory.

### Standards for TOC Analysis

Matrix: Water

Analyte	Volume (mL)	OI Analytical Part Number
1 mg/L TOC Standard	250	324546
10 mg/L TOC Standard	250	324547
25 mg/L TOC Standard	250	324548
50 mg/L TOC Standard	250	324549
100 mg/L TOC Standard	250	324550
250 mg/L TOC Standard	250	325226
500 mg/L TOC Standard	250	325227
1,000 mg/L TOC Standard	250	325228

TOC standards are produced from high purity potassium hydrogen phthalate (KHP).

### Standards for TIC Analysis

Matrix: Water

Analyte	Volume (mL)	OI Analytical Part Number
1,000 mg/L TIC Standard	250	325229

TIC standards are produced from high purity sodium bicarbonate and sodium carbonate salts.

Purified reagents, low TOC water (<25 ppb), calibrated Class A glassware, and meticulously cleaned bottles are used in the manufacture of these standards. Balances are calibrated traceable to the NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001.



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