

ANALYTICAL CRM

Alkalinity CRM

These standards are CRM's under ISO 17034 and ISO/IEC 17025. Traceability to International System of Units from BAM. Certificates of analysis created in accordance with ISO Guide 31 and ISO Guide 35.

Ref. Number	Description	Volume	Msr
ALKC500.L1	Alkalinity, CaCO ₃ 500 mg/L Calibration Standard	100	ml
ALKC500.L5	Alkalinity, CaCO ₃ 500 mg/L Calibration Standard	500	ml
ALKC1000.L1	Alkalinity, CaCO ₃ 1000 mg/L Calibration Standard	100	ml
ALKC1000.L5	Alkalinity, CaCO ₃ 1000 mg/L Calibration Standard	500	ml

Chemical Oxygen Demand (COD) CRM

These standards are CRM's under ISO 17034 and ISO/IEC 17025. Traceability to International System of Units from BAM. Certificates of analysis created in accordance with ISO Guide 31 and ISO Guide 35. The certified value is obtained by a weighted mean of the results of two independent calibration methods: Classical Volumetric and Instrumental (digestion of the chemically bonded organic carbon in the presence of a chemical oxidant and subsequent absorption measurement at 430 nm, using a spectrophotometer).

Ref. Number	Description	Volume	Msr
COD20.L1	Chemical Oxygen Demand COD 20 mg/l Calibration Standard	100	ml
COD20.L5	Chemical Oxygen Demand COD 20 mg/l Calibration Standard	500	ml
COD50.L1	Chemical Oxygen Demand COD 50 mg/l Calibration Standard	100	ml
COD50.L5	Chemical Oxygen Demand COD 50 mg/l Calibration Standard	500	ml
COD100.L1	Chemical Oxygen Demand COD 100 mg/l Calibration Standard	100	ml
COD100.L5	Chemical Oxygen Demand COD 100 mg/l Calibration Standard	500	ml
COD200.L1	Chemical Oxygen Demand COD 200 mg/l Calibration Standard	100	ml
COD200.L5	Chemical Oxygen Demand COD 200 mg/l Calibration Standard	500	ml
COD300.L1	Chemical Oxygen Demand COD 300 mg/l Calibration Standard	100	ml
COD300.L5	Chemical Oxygen Demand COD 300 mg/l Calibration Standard	500	ml
COD400.L1	Chemical Oxygen Demand COD 400 mg/l Calibration Standard	100	ml
COD400.L5	Chemical Oxygen Demand COD 400 mg/l Calibration Standard	500	ml
COD500.L1	Chemical Oxygen Demand COD 500 mg/l Calibration Standard	100	ml
COD500.L5	Chemical Oxygen Demand COD 500 mg/l Calibration Standard	500	ml
COD1000.L1	Chemical Oxygen Demand COD 1000 mg/l Calibration Standard	100	ml
COD1000.L5	Chemical Oxygen Demand COD 1000 mg/l Calibration Standard	500	ml
COD2000.L1	Chemical Oxygen Demand COD 2000 mg/l Calibration Standard	100	ml
COD2000.L5	Chemical Oxygen Demand COD 2000 mg/l Calibration Standard	500	ml
COD5000.L1	Chemical Oxygen Demand COD 5000 mg/l Calibration Standard	100	ml
COD5000.L5	Chemical Oxygen Demand COD 5000 mg/l Calibration Standard	500	ml
COD10000.L1	Chemical Oxygen Demand COD 10000 mg/l Calibration Standard	100	ml
COD10000.L5	Chemical Oxygen Demand COD 10000 mg/l Calibration Standard	500	ml

TOTAL INORGANIC CARBON (TIC) CRM

These standards are CRM's under ISO 17034 and ISO/IEC 17025. Traceability to International System of Units from BAM. Certificates of analysis created in accordance with ISO Guide 31 and ISO Guide 35.

Ref. Number	Description	Volume	Msr
TIC1000.L1	TIC Standard Solution 1000mg/l as sodium carbonate (standard solution acc. to EN 1484)	100	ml
TIC1000.L5	TIC Standard Solution 1000mg/l as sodium carbonate (standard solution acc. to EN 1484)	500	ml
TIC10000.L1	TIC Standard Solution 10000mg/l as sodium carbonate	100	ml
TIC10000.L5	TIC Standard Solution 10000mg/l as sodium carbonate	500	ml

Total Organic Carbon (TOC) CRM

These standards are CRM's under ISO 17034 and ISO/IEC 17025. Traceability to International System of Units from BAM. Certificates of analysis created in accordance with ISO Guide 31 and ISO Guide 35.

Ref. Number	Description	Volume	Msr
TOCW2244	TOC water for Total organic carbon (TOC) determination acc. to Ph Eur 2.2.44	1000	ml
TOC5.L1	TOC Standard Solution 5 mg/l	100	ml
TOC5.L5	TOC Standard Solution 5 mg/l	500	ml
TOC10.L1	TOC Standard Solution 10 mg/l	100	ml
TOC10.L5	TOC Standard Solution 10 mg/l	500	ml
TOC50.L1	TOC Standard Solution 50 mg/l	100	ml
TOC50.L5	TOC Standard Solution 50 mg/l	500	ml
TOC100.L1	TOC Standard Solution 100 mg/l (standard solution acc. to EN 1484)	100	ml
TOC100.L5	TOC Standard Solution 100 mg/l (standard solution acc. to EN 1484)	500	ml
TOC200.L1	TOC Standard Solution 200 mg/l	100	ml
TOC200.L5	TOC Standard Solution 200 mg/l	500	ml
TOC500.L1	TOC Standard Solution 500 mg/l	100	ml
TOC500.L5	TOC Standard Solution 500 mg/l	500	ml
TOC1000.L1	TOC Standard Solution 1000 mg/l (stock solution acc. to EN 1484)	100	ml
TOC1000.L5	TOC Standard Solution 1000 mg/l (stock solution acc. to EN 1484)	500	ml
TOC2000.L1	TOC Standard Solution 2000 mg/l	100	ml
TOC2000.L5	TOC Standard Solution 2000 mg/l	500	ml

Total Dissolved Solids (TDS) CRM

These standards are CRM's under ISO 17034 and ISO/IEC 17025.

Metrological traceability to NIST. Certificates of analysis created in accordance with ISO Guide 31 and ISO Guide 35.

Ref. Number	Description	Volume	Msr
TDS10.L1	Total Dissolved Solids (as NaCl) 10mg/l	100	ml
TDS10.L5	Total Dissolved Solids (as NaCl) 10mg/l	500	ml
TDS50.L1	Total Dissolved Solids (as NaCl) 50mg/l	100	ml
TDS50.L5	Total Dissolved Solids (as NaCl) 50mg/l	500	ml
TDS100.L1	Total Dissolved Solids (as NaCl) 100mg/l	100	ml
TDS100.L5	Total Dissolved Solids (as NaCl) 100mg/l	500	ml
TDS500.L1	Total Dissolved Solids (as NaCl) 500mg/l	100	ml
TDS500.L5	Total Dissolved Solids (as NaCl) 500mg/l	500	ml
TDS1000.L1	Total Dissolved Solids (as NaCl) 1000mg/l	100	ml
TDS1000.L5	Total Dissolved Solids (as NaCl) 1000mg/l	500	ml
TDS1500.L1	Total Dissolved Solids (as NaCl) 1500mg/l	100	ml
TDS1500.L5	Total Dissolved Solids (as NaCl) 1500mg/l	500	ml
TDS2000.L1	Total Dissolved Solids (as NaCl) 2000mg/l	100	ml
TDS2000.L5	Total Dissolved Solids (as NaCl) 2000mg/l	500	ml

Total Hardness CRM

These standards are CRM's under ISO 17034 and ISO/IEC 17025.

Metrological traceability to NIST. Certificates of analysis created in accordance with ISO Guide 31 and ISO Guide 35.

Ref. Number	Description	Volume	Msr
HRDN1000.L1	Total Hardness 1000 mg/L CaCO ₃ Calibration Standard	100	ml
HRDN1000.L5	Total Hardness 1000 mg/L CaCO ₃ Calibration Standard	500	ml

Total Nitrogen CRM

These standards are CRM's under ISO 17034 and ISO/IEC 17025. Metrological traceability to NIST. Certificates of analysis created in accordance with ISO Guide 31 and ISO Guide 35. The standards are used for photometric applications acc to EN 25663 (ISO 5663) and ISO 7150.

Ref. Number	Description	Volume	Msr
TN0100.L1	Total Nitrogen Standard (100 mg/l) - for photometric applications acc to EN 25663 (ISO 5663) and ISO 7150	100	ml
TN1000.L1	Total Nitrogen Standard (1000 mg/l) - for photometric applications acc to EN 25663 (ISO 5663) and ISO 7150	100	ml