

# Certified Reference Materials for Wastewater Labs

ISO 17034 Accredited



## Universal Wastewater Standard

Ready-to-use Bottles

Designed to reduce the number of standards you need to manage in your lab, our Universal Wastewater Standard is certified for 13 conventional pollutants.

Pollutant	Value	Pollutant	Value	Pollutant	Value
BOD <sub>5</sub>	198 mg/L	N-NO <sub>3</sub>	3.00 mg/L	Total Solids	800 mg/L
CBOD	163 mg/L	pH	6.6 mg/L	TSS	100 mg/L
COD	309 mg/L	P-PO <sub>4</sub>	2.50 mg/L	Total Nitrogen	24 mg/L
Conductivity	650 µmhos	TDS	600 mg/L		
N-NH <sub>3</sub>	7.50 mg/L	TOC	121 mg/L		

Part Number	Volume
QCI-084	4 x 1 L

## Universal Water Microbe Cocktail

A single pellet to QC all of your quantitative microbiology analyses. Formulated in our unique lyophilized flash dissolve pellet, this microbiological standard contains multiple organisms that, in aggregate, allow the analyst to QC the following microbiology tests at the following approximate activity levels.

Organism	Value	Organism	Value
Total Coliform	2,400 CFU/100 mL	P. aeruginosa	1,000 CFU/100 mL
E. coli	1,000 CFU/100 mL	Enterococci	1,000 CFU/100 mL
Fecal Coliform	500 CFU/100 mL	HPC	50 CFU/mL

Actual values are listed on an accompanying COA. Standard is derived from pure NCTC cultures, never more than two passages from primary strain culture. Compatible with numerous environmental methods including MTF, IDEXX and plate count methods.

Part Number	Quantity
MIC-UNV-10	10 pellets
MIC-UNV-20	20 pellets

## Certified Reference Materials for Wastewater Labs

### Mid-Level Solids CRM

Ready-to-use Bottles

Pollutant	Value
TDS	1,000 mg/L
TS	1,100 mg/L
TSS	100 mg/L

Part Number	Quantity
QCI-055	4 x 1 L Case

### Low-Level Solids CRM

Ready-to-use Bottles

Pollutant	Value
TDS	90 mg/L
TS	120 mg/L
TSS	30 mg/L

Part Number	Quantity
QCI-057	4 x 1 L Case

### Total Chlorine Accuracy Check Standard Snips™

1.00 mg/L

Part Number	Quantity
QCI-123	25 Tubes

### Total Chlorine Accuracy Check Standard Snips™

2.50 mg/L

Part Number	Quantity
QCI-117	25 Tubes

### Ultra Low Chlorine Accuracy Check Standard Snips™

0.100 mg/L

Part Number	Quantity
QCI-118	25 Tubes

### GGA Concentrate Snips™ CRM

Dilutes to 300 mL

Part Number	Quantity
QCI-081SNIP	25 Pack

### Multi-Analyte Solids CRM

A whole volume multi-analyte standard for quality control analysis for 6 solids parameters. Each 100 mL aliquot contains:

Pollutant	Value
Total Solids	350 mg
Total Dissolved Solids	250 mg
Total Suspended Solids	100 mg
Volatile Suspended Solids	31 mg
Fixed Suspended Solids	70 mg
Fixed Dissolved Solids	215 mg

Part Number	Quantity
QCI-171	4 x 1 L Case

## Certified Reference Materials for Wastewater Labs

### Minerals QC CRM

Ready-to-use Bottles

Pollutant	Value
Potassium	4.0-40 mg/L
Sodium	10-100 mg/L
Chloride	35-275 mg/L
Sulfate	5.0-125 mg/L
Fluoride	0.4-4 mg/L
TDS at 180°C	140 – 800 mg/L
Conductivity	200-1200 umhos/cm
Alkalinity	25-400 mg/L

Part Number	Quantity
QCI-136	500 mL

### Simple Nutrients QC CRM

Ready-to-use Bottles

Pollutant	Value
Ammonia as N	1.0-20 mg/L
Orthophosphate as P	0.5-5.5 mg/L
Nitrate as N	2.0-25 mg/L
Nitrate/Nitrite-N	2.5-25 mg/L

Part Number	Quantity
QCI-063	500 mL

### Complex Nutrients QC CRM

Ready-to-use Bottles

Pollutant	Value
TKN	3.0-35 mg/L
Total Phosphorus	0.5-10 mg/L

Part Number	Quantity
QCI-064	500 mL

### 27 Component ICP Standard

100 µg/mL in 4% HNO<sub>3</sub>+Tr HF.

This standard is traceable to NIST SRM 3100 series. ISO 9001:2015 certified, ISO/IEC 17025:2017 and ISO 17034:2016 accredited.

Includes: Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Molybdenum, Nickel, Potassium, Selenium, Silicon, Silver, Sodium, Strontium, Thallium, Titanium, Vanadium, Zinc.

Part Number	Quantity
QCS-27-100	100 mL
QCS-27-250	250 mL
QCS-27-500	500 mL

## pH QC Check CRMs

Ready-to-Use Bottles

Part Number	Quantity
PH-BUFF2-500	500mL
PH-BUFF3-500	500mL
PH-BUFF4-500	500mL
PH-BUFF5-500	500mL
PH-BUFF6-500	500mL
PH-BUFF7-500	500mL
PH-BUFF8-500	500mL
PH-BUFF9-500	500mL
PH-BUFF10-500	500mL

## Single Organisms

Except where noted, standards are formulated at 1,000 – 2,000 CFU. Actual certified values are listed on an accompanying COA.

Organism	Strain Identification	Quantity	Part Number
P. aeruginosa	NCTC12951	10 vials	10662-10
P. aeruginosa	NCTC12951	20 vials	10662-20X
E. aerogenes	NCTC10006	10 vials	10006-10
E. aerogenes	NCTC10006	20 vials	10006-20X
E. coli	NCTC9001	10 vials	9001-10
E. coli	NCTC9001	20 vials	9001-20X
Klebsiella, spp	NCTC08167	10 vials	8167-10
Klebsiella, spp	NCTC08167	20 vials	8167-20X
E.faecalis	NCTC775	10 vials	775H-10
E.faecalis	NCTC775	20 vials	775H-20X
HPC Control*	5-500 CFU/mL	10 vials	HPCQC-10
HPC Control*	5-500 CFU/mL	20 vials	HPCQC-20X

\* Certified for HPC by Pour Plate or SimPlate<sup>®</sup>

\* Quanti-Tray<sup>®</sup>, Enterolert<sup>®</sup>, and SimPlate<sup>®</sup> are registered trademarks of IDEXX Laboratories, Inc.

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