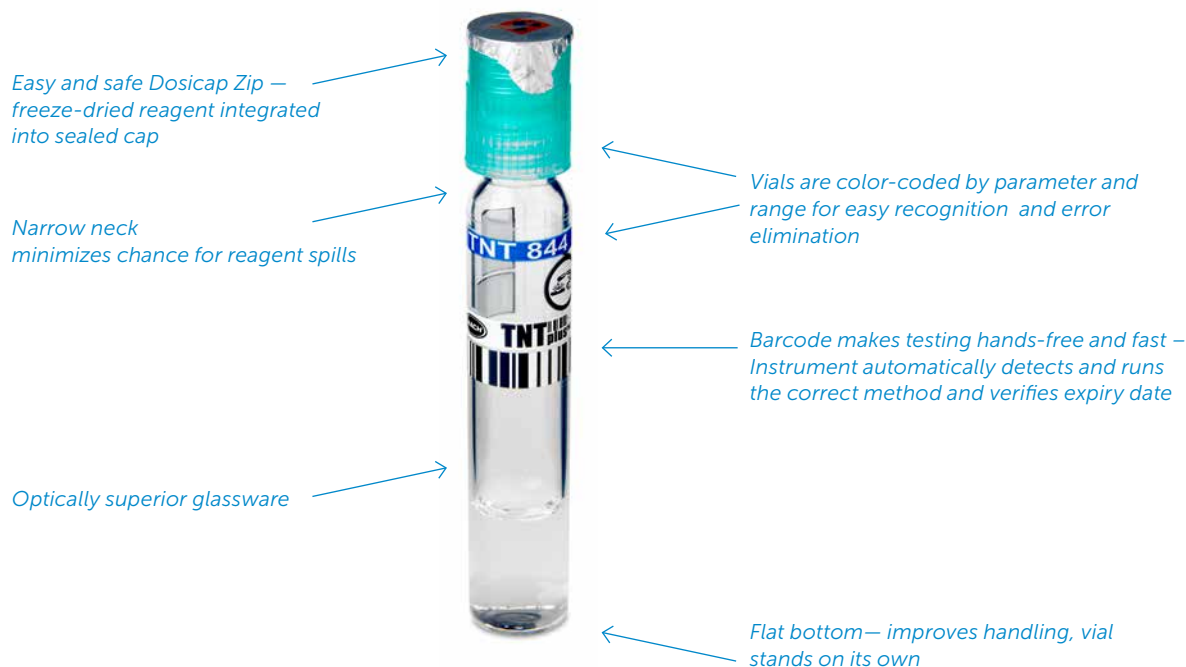




TNTplus Vial Chemistries: Insert, read, finish

Hach® TNTplus™ Vial Chemistries offer quality you expect from Hach that's even easier to use and more accurate than ever.



No Reagent Blank Necessary

The high quality of TNTplus vials, tight reagent production controls, instrument calibration verification, and high instrument stability all combine to eliminate the need to run reagent blanks – saving you time and money!

Reduce Errors with Bar-coded Vials and RFID*

A unique barcode label on each vial is automatically read by the spectrophotometer when used with Hach's DR6000™ or DR3900™ Spectrophotometer to identify the appropriate method and take the measurement. This not only increases ease-of-use and speed of analysis but also significantly reduced errors. In addition, scratched, flawed, or dirty glassware becomes non-issue as instrument averages 10 readings and rejects outliers.

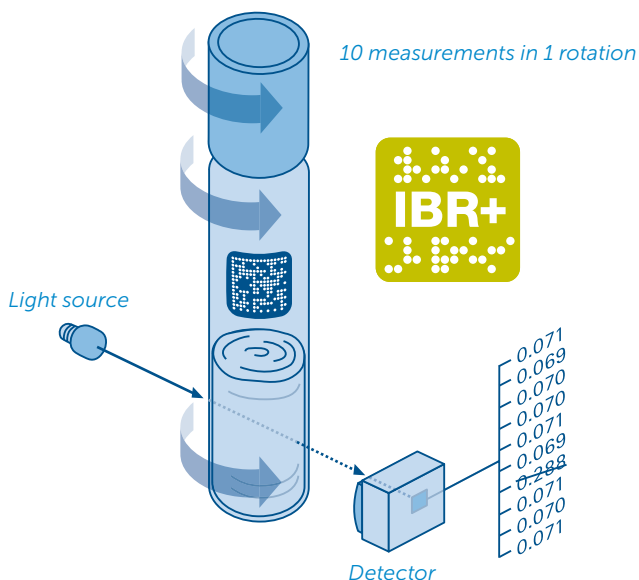
Documented shelf life and COA

The new 2D barcode details batch number and expiry date of reagents, which are documented along with the measurement result. An automatic warning is issued if expiry date has passed. Lot specific information (COA) is available on RFID* tag on the box, which can be read out with the DR6000 or DR3900 spectrophotometer.

Safe handling

TNTplus vials use innovative Dosicaps that are easier to use than powder pillows or liquid reagents. Since the reagents are completely contained within the vial cap there is no risk of spillage or contamination. The glassware used assures the best precision and the vials have a flat bottom so they can stand on their own.

*RFID technology currently available in US, Canada, Australia, and New Zealand only.



Only with Hach TNTplus vial chemistries: As the cuvette rotates, any scratches, soil and flaws on the glass of the cuvette are detected and the measurements taken at these points are rejected.

Helpful package design

Packages of TNTplus vials are color-coded for fast and easy parameter and range recognition for the exact test you need. Step-by-step illustrated test methods are printed on the box for quick reference.

Methods for EPA Compliance Monitoring

Hach TNTplus Vial Chemistries for COD (Hach Method 8000), Free and Total Chlorine (SM 4500-Cl G), Chromium VI (SM 3500-Cr B, D), Iron (Hach Method 8008), Ortho- (EPA 365.1) and Total Phosphate (EPA 365.1, 365.3), Ammonia (EPA 350.1), Fluoride (EPA 340.1) and Nitrite (EPA 353.2) are equivalent to the respective method referenced in parentheses under 40 CFR 136.6 for compliance monitoring. Nitrate TNT835 and TNT836 are approved for drinking water monitoring under 40 CFR 141. As with any method used for compliance reporting, consult with your local regulatory authority.

Overview of available parameters and measuring ranges

Parameter	# of ranges	Measuring range
Alkalinity	1	0.5–8.0 mmol/L
Aluminium	1	0.02–0.5 mg/L
Ammonia	4	0.02–130 mg/L
Anionic surfactants	1	0.1–4.0 mg/L
Boron	1	0.05–2.50 mg/L
Cadmium	1	0.02–0.3 mg/L
Chlorine, free and total	1	0.05–2.0 mg/L
Chlorine, free	1	0.05–2.0 mg/L
Chromium, VI and total	1	0.03–1.0 mg/L
COD	5	3–15,000 mg/L
Copper	1	0.1–8.0 mg/L
Fluoride	1	0.1–2.5 mg/L
Iron	1	0.2–6.0 mg/L
Lead	1	0.1–2.0 mg/L
Nickel	1	0.1–6.0 mg/L
Nitrate	2	0.23–35 mg/L NO ₃ -N
Nitrite	2	0.015–6.0 mg/L NO ₂ -N
Nitrogen, total	3	1–100 mg/L
Phenol	1	0.05–5.0 mg/L
Phosphate, ortho and total	3	0.05–20 mg/L PO ₄ -P
Phosphate, ortho	1	1.67–30 mg/L PO ₄ -P
Simplified TKN	1	0–16 mg/L
Sulfate	2	40–900 mg/L
TOC	2	1.5–300 mg/L
Vicinal diketone	1	0.015–0.5 mg/kg Dicacetyl
Volatile acids	1	50–2,500 mg/L Acetic acid

Learn more at:

www.hach.com/tntplus

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