# AIM FOR BRILLIANCE

## is your water of the highest quality?

#### Detect very low concentrations of impurities in water

#### The application

- Drinking water, groundwater, freshwater, mineral water and process water should be regularly tested for a variety of parameters.
- Analysis often requires high measurement sensitivities down to the ppb range.

#### Our solution: MColortest<sup>™</sup> with color-card comparator

The MColortest<sup>™</sup> system is designed for highly sensitive, fast analysis of any water sample. It includes a color-card comparator, which allows you to compare the reaction color of the sample with a high-quality color scale for accurate evaluation.

#### **Benefits**

- Unique brilliance and fine color graduation for precise analysis
- Easy-to-use visual tests with fast results
- Very low (ppb range) to medium concentrations can be tested
- Excellent measurement sensitivity

For more details, please visit: www.merckmillipore.com/aaf



#### Colorimetric and titrimetric test kits MColortest<sup>™</sup>

General information	124
Is the water's ammonium level	
safe for aquatic life?	125
Visual rapid tests	126
Product list	128
Compact laboratory	137



#### Colorimetric and titrimetric test kits

MColortest<sup>™</sup> test kits give you exceptional results with brilliant color cards for easy, precise comparison. No special training is required – simply follow our illustrated instructions. Despite their simplicity, they offer unparalleled reliability. All test kits are thoroughly checked using certified standard solutions, which can be traced directly to primary reference materials from NIST and PTB. Thanks to their excellent stability, the kits can be stored for up to three years at 15-25°C.



## economical refill packs

Easy, fast, direct read-out of color cards maximum reliability

with numerous parameters

## Is the water's amonium level safe for aquatic life?

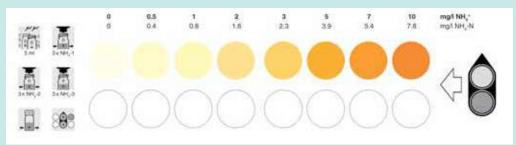
#### Sensitive measurement of ammonium in fresh- and seawater

#### The application

- Ammonium is a common water pollutant and can be toxic to aquatic life.
- Measuring the ammonium concentration of water is required by many international authorities, and maximum limits may not be exceeded.

#### **Our solution: MColortest™ Ammonium Test**

We offer special test kits for fast, reliable measurement of ammonium ions and unionized ammonium in fresh- or seawater. The kits are designed for use with the MColortest<sup>M</sup> system, offering sensitive measurements in the range of 0.5 to 10 mg/L NH<sub>4</sub>.



#### Benefits

- Easy to use with illustrated instructions
- Color card included in test kit for precise comparison
- Fast reaction times with results in 10 minutes
- Waste disposal advice available

For more applications, please visit: www.merckmillipore.com/aaf

#### **High to medium concentrations, especially for turbid solutions** MColortest<sup>™</sup> with color-disk comparator

These tests evaluate the color reaction based on the transmitted light method. So even turbid and lightly colored water samples can be analyzed without further preparation.

Ten-stage color disk is made of very durable, lightfast plastic, thus suitable for industrial areas and wet environments. Almost all test vessels are break-proof for safer handling.

#### **Application areas:**

- Wastewater
- Industrial water
- Groundwater
- Bottled water
- Boiler water
- Swimming pool water
- Industrial applications

The MColortest™ system: All reagents and the color-disk comparator are contained in the kit.



#### Medium concentrations MColortest<sup>™</sup> titrimetric and colorimetric methods

Titrimetric test: Sample is titrated until its color changes. Number of drops consumed to the turning point are counted, or the scale value is read from a pipette to determine the concentration of the tested parameter.

Colorimetric test: Reagents are added to the sample, resulting in a color reaction. Concentration is determined by allocating the color to a value on a reference scale.

#### **Application areas:**

- Aquaculture for freshwater and seawater
- Surface water
- Swimming pool water
- School lessons

#### Very low to medium concentrations

#### MColortest<sup>™</sup> with color-card comparator

The comparator's greater layer thickness and special construction ensure high measurement sensitivity, even at very low concentrations (ppb range).

The sample's reaction color is compared with the blank sample tinted by the color cards to determine concentration. The brilliant print and fine color graduation enable precise analyses.

#### Application areas:

- Drinking water
- Bottled water
- Boiler water
- Cooling water
- Industrial applications

MColortest™ and the color-card comparator offer unparalleled reliability!

### practical refill packs

You can effectively reduce your costs per analysis by using the economical refill packs we offer for many of our test kits.

## waste disposal advice

Get detailed information about disposal of MColortest™ kits on: www.disposal-test-kits.com

Visual rapid tests | Parameters A-C

	Parameter	Graduation	No. of tests	Ord. No.	Ord. No. Refill pack	Method	Туре
A	Alkalinity Test	0.1 mmol/L	200 at 8.5 mmol/L	1.11109.0001		Acidimetric	Titration with pipette
	Aluminium Test	0.07–0.12–0.20–0.35– 0.50–0.65–0.80 mg/L Al	185	1.14413.0001	1.18452.0002	Chromazurol S	Color-card comparator
	Aluminium Test	0.10-0.20-0.35-0.50-0.75- 1-2-3-6 mg/L Al	150	1.18386.0001	1.18452.0002	Chromazurol S	Disk comparator
	Ammonium Test	0.025-0.050-0.075-0.10-0.15- 0.20-0.25-0.30-0.40 mg/L NH <sub>4</sub>	70	1.14428.0002		Indophenol blue	Color-card comparator
	Ammonium Test	0.05-0.10-0.15-0.2-0.3- 0.4-0.5-0.6-0.8 mg/L NH₄	100	1.14400.0001		Neßler	Color-card comparator
	Ammonium Test	0.2-0.4-0.6-1-2-3-5 mg/L NH <sub>4</sub>	50	1.08024.0001		Indophenol blue	Sliding comparator
	Ammonium Test	0.2-0.5-0.8-1.2-1.6- 2-3-5-8 mg/L NH₄	200	1.14423.0002	1.18455.0002	Indophenol blue	Color-card comparator
	Ammonium Test	0.2-0.5-0.8-1.3-2.0- 3.0-4.5-6.0-8.0 mg/L NH₄	200	1.14750.0002	1.18455.0002	Indophenol blue	Disk comparator
	Ammonium Test	0.5-1-3-5-10 mg/L NH₄	150	1.11117.0001		Neßler	Color-card comparator
	Ammonium Test in freshwater and seawater	0.5-1-3-5-10 mg/L NH₄	50	1.14657.0001		Indophenol blue	Color card
C	Calcium Test	2 mg/L Ca	200 at 170 mg/L Ca	1.11110.0001		Titriplex <sup>®</sup> III	Titration with pipette
	Carbon Dioxide Test	1.25 mg/L $CO_2$ 2.5 mg/L $CO_2$ 5 mg/L $CO_2$	100 at 30 mg/L 100 at 60 mg/L 100 at 120 mg/L	1.17179.0001		Phenolphthalein	Titration with dropping bottle
	Carbonate Hardness Test/ Acid cap. to pH 4.3 (ANC)	0.25 °e and 0.1 mmol/L	300 at 12.5 °e	1.08048.0001		Acidimetric	Titration with pipette
	Carbonate Hardness Test/ Acid cap. to pH 4.3 (ANC)	1.25 °e	100 at 12.5 °e	1.11103.0001		Acidimetric	Titration with dropping bottle
	Carbonate Hardness Test in freshwater and seawater	1.25 °e	50 at 1.25 °e	1.14653.0001		Acidimetric	Titration with dropping bottle
	Chloride Test	2 mg/L Cl	200 at 170 mg/L Cl	1.11106.0001		Mercury(II)- nitrate	Titration with pipette
	Chloride Test	3-6-10-18-30-60-100- 180-300 mg/L Cl	200	1.14753.0001	1.18322.0002	Mercury(II)- thiocyanate	Disk comparator
	Chloride Test	5-10-20-40-75-150-300 mg/L Cl	400	1.14401.0001	1.18322.0002	Mercury(II)- thiocyanate	Color-card comparator
	Chloride Test	25 mg/L Cl	100 at 150 mg/L Cl	1.11132.0001		Mercury(II)- nitrate	Titration with dropping bottle
	Chlorine Test (free chlorine)	0.01-0.025-0.045-0.06-0.08- 0.1-0.15-0.2-0.3 mg/L Cl <sub>2</sub>	400 free chlorine	1.14434.0001	1.14977.0002	DPD	Color-card comparator
	Chlorine Test (free chlorine) in freshwater and seawater	0.10-0.25-0.5-1.0-2.0 mg/L Cl <sub>2</sub>	100 free chlorine	1.14670.0001		ТМВ	Color card
	Chlorine Test (free chlorine)	0.1-0.2-0.3-0.4-0.6- 0.8-1.0-1.5-2.0 mg/L Cl <sub>2</sub>	600 free chlorine	1.14978.0001	1.14979.0002	DPD Liquid	Disk comparator
	Chlorine Test (free and total chlorine)	0.1-0.2-0.3-0.4-0.6- 0.8-1.0-1.5-2.0 mg/L Cl <sub>2</sub>	400 free chlorine + 400 total chlorine	1.14801.0001	1.14803.0002	DPD Liquid	Disk comparator
	Chlorine Test (free chlorine)	0.25-0.50-0.75-1-2- 4-8-10-15 mg/L Cl <sub>2</sub>	1,000 free chlorine	1.14976.0001	1.14977.0002	DPD	Disk comparator

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## MColortest<sup>™</sup> Visual rapid tests | Parameters C-I

	Parameter	Graduation	No. of tests	Ord. No.	Ord. No. Refill pack	Method	Туре
C	Chlorine Test (free and total chlorine)	0.25-0.50-0.75-1-2- 4-7-10-15 mg/L Cl <sub>2</sub>	400 free chlorine + 400 total chlorine	1.14826.0001	1.18326.0002	DPD	Disk comparator
	Chlorine- and pH Test (free chlorine)	0.10-0.20-0.30-0.60-1.0-1.5 mg/L Cl <sub>2</sub> / pH 6.5-6.8-7.0-7.2-7.4-7.6-7.9	150 (chlorine) 150 (pH)	1.11160.0001		DPD Phenol red	Sliding comparator
	Chlorine- and pH Test (free and total chlorine)	0.1-0.3-0.6-1.0-1.5 mg/L Cl <sub>2</sub> pH 6.8-7.1-7.4-7.6-7.8	200 (chlorine) 200 (pH)	1.11174.0001	1.11157.0001 1.11143.0001		Color-matching vessel
	Chlorine Dioxide Test	0.020-0.050-0.075-0.10-0.15- 0.20-0.30-0.40-0.55 mg/L ClO <sub>2</sub>	300	1.18754.0001	1.18757.0002	DPD	Color-card comparator
	Chlorine Dioxide Test	0.5-0.9-1.4-1.9-3.8-7.5- 13-19-28 mg/L ClO <sub>2</sub>	300	1.18756.0001	1.18757.0002	DPD	Disk comparator
	Chromate Test	0.011-0.022-0.045-0.07-0.09- 0.11-0.13-0.18-0.22 mg/L CrO <sub>4</sub>	150	1.14402.0001	1.18456.0002	Diphenyl- carbazide	Color-card comparator
	Chromate Test	0.22-0.45-0.67-1.0-1.3-1.8- 2.2-2.9-3.6 mg/L CrO₄	300	1.14441.0001	1.18456.0002	Diphenyl- carbazide	Color-card comparator
	Chromate Test	0.22-0.45-0.8-1.3-2.2-4.0- 6.7-13-22 mg/L CrO <sub>4</sub>	300	1.14756.0001	1.18456.0002	Diphenyl- carbazide	Disk comparator
	Color Test	5-10-20-30-40-50- 70-100-150 CU (Hazen)	no limit	1.14421.0001		Hazen	Color-card comparator
	Copper Test	0.05-0.08-0.12-0.16-0.2- 0.25-0.3-0.4-0.5 mg/L Cu	125	1.14414.0001	1.18459.0002	Cuprizone	Color-card comparator
	Copper Test in freshwater and seawater	0.15-0.3-0.45-0.6-0.8- 1.2-1.6 mg/L Cu	50	1.14651.0001		Cuprizone	Color card
	Copper Test	0.3-0.6-1.0-1.5-2.0-2.5- 3-5 mg/L Cu	125	1.14418.0001	1.18459.0002	Cuprizone	Color-card comparator
	Copper Test	0.3-0.6-1.0-1.5-2-3- 5-7-10 mg/L Cu	125	1.14765.0001	1.18459.0002	Cuprizone	Disk comparator
	Cyanide Test	0.002-0.004-0.007-0.010-0.013- 0.016-0.020-0.025-0.030 mg/L CN		1.14417.0001	1.18457.0002	König reaction	Color-card comparator
	Cyanide Test	0.03-0.06-0.10-0.15-0.2- 0.3-0.4-0.5-0.7 mg/L CN	200	1.14429.0001	1.18457.0002	König reaction	Color-card comparator
	Cyanide Test	0.03–0.07–0.13–0.2–0.3– 0.5–1–2–5 mg/L CN	200	1.14798.0001	1.18457.0002	König reaction	Disk comparator
F	Fluoride Test	0.15-0.3-0.5-0.8 mg/L F	100	1.18771.0001		Alizarin complexone	Color card
	Formaldehyde Test	0.10-0.25-0.4-0.6-0.8- 1.0-1.5 mg/L HCHO	100	1.08028.0001		Triazole derivative	Sliding comparator
н	Hydrazine Test	$0.10-0.25-0.5-1.0 \text{ mg/L } N_2H_2$	100	1.08017.0001	necessary 1.08018.0001	Dimethylamino- benzaldehyde	Color-matching vessel
I	Iron Test	0.01-0.02-0.03-0.04-0.06- 0.08-0.10-0.15-0.20 mg/L Fe	300	1.14403.0001	1.18458.0002	Triazine	Color-card comparator
	Iron Test in freshwater and seawater	0.05-0.1-0.2-0.4- 0.6-0.8-1.0 mg/L Fe	50	1.14660.0001		Triazine	Color card
	Iron Test	0.1–0.2–0.5–0.8–1.2– 2–3–5 mg/L Fe	500	1.14759.0001	1.18458.0002	Triazine	Disk comparator
	Iron Test	0.1–0.3–0.5–1.0–2.5– 5.0–7.5–12.5–25–50 mg/L Fe	200	1.11136.0001	1.08023.0001	2,2'-Bipyridine	Color-matching vessel
	Iron Test	0.2-0.4-0.6-0.8-1.0-1.3- 1.6-2.0-2.5 mg/L Fe	500	1.14438.0001	1.18458.0002	Triazine	Color-card comparator

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Visual rapid tests | Parameters I-P

	Parameter	Graduation	No. of tests	Ord. No.	Ord. No.	Method	Туре
I	Iron Test	0.25-0.5-1.0-2.0-3.0-5.0- 7.5-10-15 mg/L Fe	300	1.14404.0001	Refill pack	1,10-phenanth- roline	Color-card comparator
M	Magnesium Test	100–200–300–500– 1,000–1,500 mg/L Mg	50	1.11131.0001		Xylidyl blue	Color card
	Manganese Test	0.03–0.06–0.10–0.15–0.20– 0.25–0.3–0.4–0.5 mg/L Mn	120	1.14406.0001	1.18460.0002	Oxime	Color-card comparator
	Manganese Test	0.3-0.7-1.3-2-3-4- 5-7-10 mg/L Mn	120	1.14768.0001	1.18460.0002	Oxime	Disk comparator
N	Nickel Test	0.02-0.04-0.07-0.10-0.15- 0.2-0.3-0.4-0.5 mg/L Ni	125	1.14420.0001	1.18461.0002	Dimethyl- glyoxime	Color-card comparator
	Nickel Test	0.5-1.0-1.5-2-3-4-6- 8-10 mg/L Ni	500	1.14783.0001	1.18461.0002	Dimethyl- glyoxime	Disk comparator
	Nitrate Test	5-10-20-30-40-50-60- 70-90 mg/L NO <sub>3</sub>	90	1.18387.0001	1.18462.0002	Nitrospectral / sulfuric acid	Disk comparator
	Nitrate Test	10-25-50-75-100-125- 150 mg/L NO <sub>3</sub>	200	1.11170.0001		Sulfanilic acid	Sliding comparator
	Nitrate Test in freshwater	10-25-50-75-100-125- 150 mg/L NO₃	100	1.11169.0001		Sulfanilic acid	Color card
	Nitrite Test	0.005-0.012-0.02-0.03-0.04- 0.05-0.06-0.08-0.10 mg/L NO <sub>2</sub>	110	1.14408.0001	1.18463.0002	Griess' reaction	Color-card comparator
	Nitrite Test in freshwater and seawater	0.05-0.15-0.25-0.50-1.0 mg/L NO <sub>2</sub>	100	1.14658.0001		Griess' reaction	Color card
	Nitrite Test	0.025-0.05-0.075-0.1-0.15- 0.2-0.3-0.5 mg/L NO <sub>2</sub>	200	1.08025.0001		Griess' reaction	Sliding comparator
	Nitrite Test	0.1-0.2-0.3-0.4-0.6-0.8- 1.0-1.3-2.0 mg/L NO <sub>2</sub>	400	1.14424.0001	1.18463.0002	Griess' reaction	Color-card comparator
	Nitrite Test	0.1-0.2-0.4-0.6-1.0-1.8- 3.0-6.0-10 mg/L NO <sub>2</sub>	400	1.14774.0001	1.18463.0002	Griess' reaction	Disk comparator
0	Oxygen Test	0.1 mg/L O <sub>2</sub>	100 at 8.5 mg/L $O_2$	1.11107.0001	1.11152.0001 1.14663.0001	modified Winkler method	Titration with pipette
	Oxygen Test in freshwater and seawater	1-3-5-7-9-12 mg/L O <sub>2</sub>	50	1.14662.0001	•	modified Winkler method	Color card
	Ozone Test	0.007-0.017-0.030-0.040-0.055- 0.070-0.10-0.14-0.20 mg/L O <sub>3</sub>	300	1.18755.0001	1.18759.0002	DPD	Color-card comparator
	Ozone Test	0.15-0.35-0.5-0.7-1.4- 2.7-5.0-7.0-10 mg/L O <sub>3</sub>	300	1.18758.0001	1.18759.0002	DPD	Disk comparator
P	pH Universal indicator, liquid	pH 4.0-4.5-5.0-5.5-6.0-6.5- 7.0-7.5-8.0-8.5-9.0-9.5-10.0	100 mL	1.09175.0100		Mixed indicator	Color card
	pH Universal indicator, liquid	pH 4.0-4.5-5.0-5.5-6.0-6.5- 7.0-7.5-8.0-8.5-9.0-9.5-10.0	1 L	1.09175.1000		Mixed indicator	Color card
	pH Indicator liquid	pH 9.0-10.0-11.0-12.0-13.0	100 mL	1.09176.0100		Mixed indicator	Color card
	pH Test	рН 4.5-5.0-5.5-6.0-6.5-7.0- 7.5-8.0-8.5-9.0		1.08027.0001		Mixed indicator	Sliding comparator
	pH Test	pH 4.5-5.0-5.5-6.0-6.5- 7.0-7.5-8.0-8.5-9.0	100	1.08038.0001	1.08043.0001	Mixed indicator	Color-matching vessel
	pH Test in freshwater and seawater	pH 5.0-5.3-5.6-6.0-6.3-6.6- 7.0-7.3-7.6-8.0-8.3-8.6-9.0	200	1.18773.0001		Mixed indicator (fresh-/seawater)	Color-card comparator

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Visual rapid tests | Parameters P-Z

	Parameter	Graduation	No. of tests	Ord. No.	Ord. No. Refill pack	Method	Туре
P	pH Test in swimming pool	pH 6.5-6.8-7.1-7.4-7.6-7.8- 8.2	200	1.14669.0001		Phenol red	Color card
	Phosphate Test	0.046-0.092-0.14-0.18- 0.25-0.34-0.43 mg/L PO₄	200	1.18394.0001	1.18465.0002	Phosphomolyb- denum blue	Color-card comparator
	Phosphate Test in freshwater and seawater	0.25-0.50-0.75-1.0-1.5- 2.0-3.0 mg/L PO₄	100	1.14661.0001		Phosphomolyb- denum blue	Color card
	Phosphate Test	0.6-1.2-1.8-2.5-3.1-4.6- 6.1-7.7-9.2 mg/L PO₄	200	1.14846.0001	1.18465.0002	Phosphomolyb- denum blue	Disk comparator
	Phosphate Test	1.3-3.3-6.7-10-13 mg/L PO <sub>4</sub>	200	1.11138.0001	1.08046.0001	Phosphomolyb- denum blue	Color-matching vessel
	Phosphate Test	3.1-6.1-11-18-31-61-123 mg/L PO₄	190	1.14449.0001	1.18466.0002	Vanadium molybdate	Color-card comparator
	Phosphate Test	4.6-9.2-18-28-37-49-61- 123-307 mg/L PO₄	300	1.18388.0001	1.18466.0002	Vanadium molybdate	Disk comparator
R	Residual Hardness Test	0.05-0.10-0.19 °e	400	1.11142.0001		Mixed indicator	Color card
S	Silicate (Silicic Acid) Test	$\begin{array}{c} 0.021 {-} 0.043 {-} 0.086 {-} 0.13 {-} 0.17 {-} \\ 0.21 {-} 0.32 {-} 0.43 {-} 0.53 \text{ mg/L SiO}_2 \end{array}$	150	1.14410.0001	1.18323.0002	Silico-molyb- denum blue	Color-card comparator
	Silicate (Silicic Acid) Test	0.64-1.3-2.1-3.2-4.3-6.4- 11-15-21 mg/L SiO <sub>2</sub>	150	1.14792.0001	1.18323.0002	Silico-molyb- denum blue	Disk comparator
	Sulfate Test	25-50-75-100-130-160- 190-240-300 mg/L SO₄	75	1.18389.0001	1.18467.0002	Tannic acid	Disk comparator
	Sulfate Test	25-50-80-110-140-200- 300 mg/L SO₄	90	1.14411.0001	1.18467.0002	Tannic acid	Color-card comparator
	Sulfide Test	0.02-0.04-0.06-0.08-0.10- 0.13-0.16-0.20-0.25 mg/L S	100	1.14416.0001	1.18468.0002	Dimethyl-p- phenylendiamine	Color-card comparator
	Sulfide Test	0.1-0.3-0.5-0.7-1-2-3-4-5 mg/L S	200	1.14777.0001	1.18468.0002	Dimethyl-p- phenylendiamine	Disk comparator
	Sulfite Test	0.5 mg/L Na₂SO₃ (0.32 mg/L SO₃)	200 at 40 mg/L Na <sub>2</sub> SO <sub>3</sub>	1.11148.0001		Iodate / Starch	Titration with pipette
Т	Total Hardness Test	0.13 °e and 1 mg/L CaCO $_{\rm 3}$	300 at 3.8 °e	1.08047.0001	1.08040.0001	Titriplex <sup>®</sup> III	Titration with pipette
	Total Hardness Test	0.25 °e and 10 mg/L CaCO $_{3}$	300 at 12.5 °e	1.08039.0001	1.08033.0001 1.11122.0001 1.08203.0001	Titriplex® III	Titration with pipette
	Total Hardness Test	1.25 °e	100 at 12.5 °e	1.11104.0001		Titriplex <sup>®</sup> III	Titration with dropping bottle
	Total Hardness Test	20 mg/L CaCO <sub>3</sub>	200 at 200 mg/L	1.08312.0001		Titriplex <sup>®</sup> III	Titration with dropping bottle
	Total Hardness Test in freshwater	1.25 °e	50 at 1.25 °e	1.14652.0001		Titriplex <sup>®</sup> III	Titration with dropping bottle
U	Urea Test for swimming pools	0.3-0.6-1.0-1.5-2-3-4-5-8 mg/L (NH <sub>2</sub> ) <sub>2</sub> CO	100	1.14843.0001	1.14845.0002	Indophenol blue	Disk comparator
Z	Zinc Test	0.1-0.2-0.3-0.4-0.5-0.7-1- 2-5 mg/L Zn	120	1.14780.0001	1.14782.0002	Thiocyanate / Brilliant green	Disk comparator
	Zinc Test	0.1-0.2-0.3-0.4-0.5-0.7-1- 2-5 mg/L Zn	120	1.14412.0001	1.14782.0002	Thiocyanate / Brilliant green	Color-card comparator

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#### Is it time for an oil change?

We offer rapid colorimetric methods for determining the freshness of frying oils and fats. With our easy-to-use tests, you'll always know whether your oil is still good or if you need to replace it.



#### Deep-frying fats tests

Parameter	Graduation	No. of test	Ord. No.	Ord. No. Refill pack	Method
Free fatty acids	0.5-1.0-2.0-3.0 mg/g KOH	100	1.17046.0001		pH indicator
Oxifrit-Test®	fresh – change advisable – gone off	60 (Refill pack 30)	1.10653.0001	1.10654.0001	Colorimetric, acc. to the principle of determination of oxidized fatty acids (OFAs)

#### Accessories for MColortest<sup>™</sup> and MQuant<sup>™</sup>

Product	Ord. No.
Flat-bottomed long tubes inclusive screw caps for MColortest <sup>™</sup> with color-card comparator (1 pack = 12 pcs)	1.14901.0001
Flat-bottomed tubes inclusive screw caps for titrimetric and colorimetric MColortest <sup>™</sup> (1 pack = 12 pcs)	1.14902.0001
Flat-bottomed tubes inclusive screw caps for MColortest <sup>™</sup> with color-disk comparator (1 pack = 12 pcs)	1.17988.0001
Test vessels with 5 mL und 10 mL graduations, for MColortest <sup>™</sup> and MQuant <sup>™</sup> Tests (1 pack = 30 pcs)	1.17989.0001

### ouality assurance

We check and calibrate our tests using certified buffer solutions, which can be traced directly to primary reference materials from NIST and PTB. Compact laboratories – where quality meets mobility

#### MColortest<sup>™</sup> Compact Laboratory for Water Testing | Ord. No. 1.11151.0001

Determination of pH, ammonium, biological oxygen demand (BOD), carbonate hardness, total hardness, residual hardness, nitrate, nitrite, phosphate and oxygen.

This compact laboratory allows you to quickly measure all major parameters of standing or flowing surface water, and accurately assess the current water quality.

#### **Scope of delivery**

Parameter	Measuring range	No. of tests	Ord. No. Refill pack
MColortest™ Ammonium Test	0.2 – 5 mg/L NH₄	50	1.08024.0001
MColortest <sup><math>M</math></sup> Carbonate Hardness Test / Acid cap. to pH 4.3 (ANC)	0.25 – 25 °e ANC: 0.1 – 7.2 mmol/L	150 at 12.5 °e	1.08048.0001
MColortest <sup>™</sup> Total Hardness Test	0.25 °e and 10 mg/L	150 at 12.5 °e	1.08039.0001
MColortest <sup>™</sup> Nitrate Test	10 – 150 mg/L NO <sub>2</sub>	100	1.11170.0001
MColortest <sup>™</sup> Nitrite Test	0.025 - 0.5 mg/L NO <sub>2</sub>	200	1.08025.0001
MColortest™ pH Test	pH 4.5 – 9	200	1.08027.0001
MColortest <sup>™</sup> Phosphate Test in freshwater and seawater	0.25 – 3.0 mg/L PO <sub>4</sub>	100	1.14661.0001
MColortest™ Oxygen Test	0.1 mg/L O <sub>2</sub>	100 at 8.5 mg/L $O_2$	1.11107.0001
Flat-bottomed tubes inclusive screw caps for MColortest <sup>™</sup> Tests		3 pcs	
Thermometer			
Test vessels with 5 mL graduation		1 pc	

