

New product

May 2021

QUANTOFIX[®] Iron Sensitive 1

Test strips for high sensitive semi-quantitative determination of iron

Overview	
Description	QUANTOFIX [®] Iron Sensitive 1
REF	91359
Measuring range	0.05 – 1.0 mg/L Fe ^{2+/3+} (visual)
Gradation	0 • 0.05 • 0.1 • 0.2 • 0.5 • 1.0 mg/L Fe ^{2+/3+}
Determinations	25
Shelf life	2.5 years
Storage temperature	4 – 30 °C
Content	25 test strips in aluminum container



Customer benefits

- Ultra low detection limit for iron of 0.05 mg/L
- Reagent free, no instrument required
- Easy dip and read makes the test strip user-friendly
- Ready to use - no additional accessories, no calibration necessary

Target markets / Applications

- Control of boiler, boiler feed and cooling water
- Drinking water control (only suitable in soft water)
- Heavy metal control for fresh water (only suitable in soft water)
- Well water (only suitable in soft water)

General information

Iron is a heavy metal, which leads in excessive concentrations, to high corrosion rates. QUANTOFIX[®] Iron Sensitive 1 allows the reliable determination of iron concentrations as low as 0.05 mg/L (ppm) for which usually liquid reagent tests are needed. A hole in the plastic carrier allows the water to migrate through the test pad, providing a high level of sensitivity.

Reaction principle

Iron reacts with an organic complexing agent to form a blue complex.

Contact

If you have further questions, please do not hesitate to contact us:

Technical support and customer service	Tel.:	+49 24 21 969-332
	E-Mail:	csc@mn-net.com
For orders (national)	E-Mail:	sales@mn-net.com

www.mn-net.com



MACHEREY-NAGEL GmbH & Co. KG · Neumann-Neander-Str. 6–8 · 52355 Düren · Germany

DE/international:

Tel.: +49 24 21 969-0

Fax: +49 24 21 969-199

E-mail: info@mn-net.com

CH:

Tel.: +41 62 388 55 00

Fax: +41 62 388 55 05

E-mail: sales-ch@mn-net.com

FR:

Tel.: +33 388 68 22 68

Fax: +33 388 51 76 88

E-mail: sales-fr@mn-net.com

US:

Tel.: +1 484 821 0984

Fax: +1 484 821 1272

E-mail: sales-us@mn-net.com