



# CERTIFICATE OF ANALYSIS

## YaraTera TENSO IRON 58

### Typical Analysis

#### Chemical composition

(Mixture of HBED-FeK and EDDHA-FeNa, respectively  
Bis(2-hydroxybenzyl)ethylenediamine diacetic acid, ferric potassium complex, and  
Ethylenediamine-N,N'-bis(2-hydroxy-phenyl acetic acid) ferric-sodium complex).

Iron (Fe) content, soluble in water	:	6.0%
Iron (Fe), chelated as HBED (ortho-ortho isomer)	:	4.0%
Iron (Fe), chelated as EDDHA (ortho-ortho isomer):		1.8%

#### Physical properties

Appearance	:	Dark red-brown microgranules
Solubility in water (at 20°C):		Approximately 75 g/l
pH (1% solution)	:	7 – 9

#### Miscellaneous

Stable within pH :	3.5 - 12
K <sub>2</sub> O	18.0 %
Na <sub>2</sub> O	4.0 %
Cl	13.0 %

#### Heavy metals

Arsenic (As)	< 10 mg/kg
Cadmium (Cd)	< 10 mg/kg
Cobalt (Co)	< 25 mg/kg
Mercury (Hg)	< 1 mg/kg
Nickel (Ni)	< 75 mg/kg
Lead (Pb)	< 50 mg/kg
Chromium (Cr)	< 50 mg/kg
Selenium (Se)	< 5 mg/kg

Productcode: P01CTG  
Revision: 2

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