

# TECHNICAL DATA SHEET

## Iron Chelate EDDHA 6% (4.8% ortho-ortho)

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### 1. General Description

Chemical Name	Iron chelate EDDHA 6% (4.8% ortho-ortho)
CAS Number	84539-55-9
Version	1.0
Date	24/10/2025

### 2. Chemical Specifications

Specification	Unit	Typical	Guarantee
Iron water-soluble (Fe <sup>3+</sup> )	%	6.1	≥ 6.0
Iron chelated EDDHA total	%	6.1	≥ 6.0
Iron chelated EDDHA ortho-ortho	%	4.8	≥ 4.8
Cadmium (Cd)	ppm	1	< 3
Lead (Pb)	ppm	2	< 12
Chromium (Cr)	ppm	7	< 30
Nickel (Ni)	ppm	ND	< 1
Mercury (Hg)	ppm	ND	< 1
Arsenic (As)	ppm	1	< 3
Selenium (Se)	ppm	ND	< 1
Copper (Cu)	ppm	3	< 10
Zinc (Zn)	ppm	ND	< 2

ND = Not Detected

### 3. Physical Specifications

Appearance	Red microgranular
pH (1% solution)	7.5
Bulk density	0.8 – 1.0 t/m <sup>3</sup>
pH stability range (4.8% ortho-ortho)	3 – 11
Shelf life	Minimum 2 years

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*Tolerances according to Fertiliser Product Regulation (EU) 2019/1009. Information is believed to be accurate and provided in good faith. Users must verify suitability for their specific application.*