

# Dissolvine FeQ48

**Application** In agriculture and in horticulture in soil and hydroponics applications.

<b>Specifications</b>	<b>Item</b>	<b>Specification</b>
		Method of analysis available on request
	Appearance	Dark red-brown microgranules
	pH (1% solution)	7 - 9
	Water-soluble Iron (Fe) content, typical*	6.0%
	Water-soluble Iron (Fe) content, minimum	5.7%
	Iron chelated as Fe-EDDHA (ortho-ortho isomer**) typical*	4.8%
	Product meets requirements for an EC-fertiliser	
	* EC-fertiliser label value.	
	** method EN 13368-2	

**Main Characteristics** Dissolvine FeQ48 is a stable, water-soluble and non-dusting iron chelate; Iron is chelated by EDDHA.

<b>Item</b>	<b>Characteristic</b>
Stable within pH	3.5 - 12
Bulk density tapped	approx. 550 - 750 kg/m <sup>3</sup>
Bulk density untapped	approx. 500 - 700 kg/m <sup>3</sup>
Solubility in water	approx. 50 g/l (for practical use)

**Chemical Name** Ethylenediamine-N,N'-bis(2-hydroxy-phenyl acetic acid) ferric-sodium complex; EDDHA-FeNa

**Chemical Formula** C<sub>18</sub>H<sub>16</sub>N<sub>2</sub>O<sub>6</sub>FeNa

**Molecular Weight** 435.2

**Environmental Aspects** Slowly biodegradable. Subject to photodegradation as aqueous solution.

**Structure**

