

# Ferrazone® BP

<b>Chemical Name</b>	Sodium Feredetate
<b>Chemical Formula</b>	EDTA-FeNa . 3H <sub>2</sub> O
<b>Mol. Weight</b>	421.1 (trihydrate)
<b>CAS Number</b>	15708-41-5 (anhydrous) 18154-32-0 (trihydrate)

Specifications	Checkpoint	Specification	Units	Method
	Appearance	yellow or yellowish brown, crystalline powder		Visual
	C <sub>10</sub> H <sub>12</sub> O <sub>8</sub> N <sub>2</sub> FeNa assay as calculated from iron content with reference to the dried substance	98.0 - 102.0	%	BP
	Iron content	12.9-13.4	%	SMA 347.05
	Free iron	500 max	mg/kg	BP
	Sulphates	600 max	mg/kg	SMA 841.04
	pH of a 1% wv aqueous dilution	4.0 - 6.5		BP
	Loss on drying	4.0 - 13.5	%	SMA 280.22
	Heavy metals as Pb	20 max	mg/kg	SMA 967.04
	Free disodium EDTA	1 max	%	BP
	Identification	pass		BP

Ferrazone® BP meets the chemical specifications as described in the monograph for sodium feredetate of the British Pharmacopoeia. Manufacturing is certified according to HACCP (option A) and FS22000.

**Main Characteristics** Ferrazone® BP is a stable, free-flowing, yellow-brown powder

Solubility in water	: approx. 90 g/l water (20°C)
	: approx. 120 g/l water (30°C)
	: approx. 300 g/l water (70°C)
Bulk density untapped (poured)	: approx. 750- 950 kg/m <sup>3</sup>
Bulk density tapped	: approx. 1100-1300 kg/m <sup>3</sup>

**Applications** Iron supplementation in pharmaceuticals

**Environmental aspects** Inherently biodegradable  
COD: approx. 570 mg/g



## Ferrazone<sup>®</sup> BP

<b>Packing</b>	For information on possible packing types and sizes, please contact your nearest AkzoNobel representative.	
<b>Storage</b>	Store in original packing at a dry place. Opened bags must be closed again properly. It is advised to re-test the material after three years of storage	
<b>Further Information</b>	For transport, handling and first aid instructions, please refer to the Safety Data Sheet, which is available on request. For samples, technical service and further information, please contact your nearest AkzoNobel representative or:	
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