

FeSfix-Red

Description

Appearance	Brown Powder
Molecular Formula	α -FeOOH
Delivery form	Powder
CAS no.	20344-49-4/1317-60-8

Technical Specification

Chemical analysis

Mineralogical analysis

Oxides	Weight%	Oxides	Weight%
FeOOH + Fe ₂ O ₃	73-77	Goethite (FeOOH)	63-67
SiO ₂	9-10	Hematite (α -Fe ₂ O ₃)	9-12
Al ₂ O ₃	4-6	Micaceous minerals (Kna)(Al,Mg,Fe) ₂ [(si,Al) ₄ O ₁₀](OH) ₂	6-7
MnO ₂	3-5		
MgO	1,5		
K ₂ O	0,5-1,5		
CaO	0,3-0,1		
Na ₂ O	<0,05	Quartz (α -SiO ₂)	7-8
Cr ₂ O ₃	<0,005	Amorphe phase	11-13

Predominant particle shape	Acicular
Predominant particle size (μ m)	10.00 μ m (\pm 0.20)

Applications

Biogas desulphurization
Caption and removal of H₂S

Packaging

20kg biodegradable paper bags
Warranty storage period - 12 months from manufacture

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