



Certificate of Analysis

1.03762 Ammonium iron(III) citrate about 18% Fe

	Spec. Values		Batch Values	
Assay (iodometric, Fe calculated on dried substance)	17.1 - 18.9	%	18.3	%
Identity (ammonia)	passes test		passes test	
Identity (Fe)	passes test		passes test	
Identity (Citrate)	passes test		passes test	
Appearance of solution (100 g/l, water)	Yellow brown solution without sediment.		passes test	
pH (100 g/l, water)	6.0 - 8.0		5.6	
Chloride (Cl)	≤ 500	ppm	≤ 500	ppm
Sulfate (SO ₄)	≤ 1.5	%	≤ 1.5	%
As (Arsenic)	≤ 4	ppm	≤ 4	ppm
Fe(III) (not to fast complex)	passes test		passes test	
Tartrate (C ₄ H ₄ O ₆)	passes test		passes test	
Loss on drying (105 °C; 2 h)	≤ 6.0	%	7.6	%

Meets analytical specifications of DAC.

The information provided does not imply the suitability of the product for any particular application. It is customer's sole responsibility, prior to use, to determine that the product is suitable and permitted for the customer's intended use and application.

Dr. Sebastian Lips

Responsible laboratory manager quality control

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