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ThermoFisher
S C I E N T I F I C

Product Specifications

Product 20588

**Ammonium iron(III) sulfate dodecahydrate, 99+%
, for analysis**

General Product Data

Version	4
CAS No	7783-83-7
Molecular weight	482.19
Molecular formula	H ₄ Fe N O ₈ S ₂ . 12 H ₂ O
Linear formula	(NH ₄)Fe(SO ₄) 2.12H ₂ O

Product Specifications

Appearance (Color)	Light purple-grey to violet
Appearance (Form)	Adhering powder or crystals
Titration Iodometric	>=99.0 %
Chloride (Cl)	=<5 ppm
Phosphate (PO ₄)	=<20 ppm
Copper (Cu)	=<10 ppm
Zinc (Zn)	=<10 ppm
Ferrous iron (Fe 2+)	=<10 ppm
Potassium (K)	=<50 ppm
Sodium (Na)	=<100 ppm

Product Specifications are subject to amendment and may change over time.