

Specification

Formula Hill: $\text{FeH}_8\text{N}_2\text{O}_8\text{S}_2 \cdot 6\text{H}_2\text{O}$
Molar Mass: 392,14 g/mol
CAS N°: 7783-85-9

Print Date: 13 July 2023

100991 Ammonium iron(II) sulfate hexahydrate, ACS

Specifications

Assay	98,5 - 101,5 %
Appearance	
- Pale blue-green	conforms
- Solid	conforms
Insoluble matter in H ₂ SO ₄	≤ 0,01 %
Clarity test	conforms
Phosphate (PO ₄)	≤ 0,003 %
Calcium (Ca)	≤ 0,005 %
Copper (Cu)	≤ 0,003 %
Ferric ion	≤ 0,01 %
Potassium (K)	≤ 0,002 %
Magnesium (Mg)	≤ 0,002 %
Manganese (Mn)	≤ 0,01 %
Sodium (Na)	≤ 0,02 %
Zinc (Zn)	≤ 0,003 %

Conforms to: ACS specification