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Product Specification

Product Name:

Iron(II) chloride tetrahydrate - ReagentPlus[®], 98%**Product Number:****220299** $\text{FeCl}_2 \cdot 4\text{H}_2\text{O}$

CAS Number:

13478-10-9

MDL:

MFCD00149709

Formula:

 $\text{Cl}_2\text{Fe} \cdot 4\text{H}_2\text{O}$

Formula Weight:

198.81 g/mol

TEST**Specification**

Appearance (Color)

Faint Green to Green to Yellow

Appearance (Form)

Powder or Crystal or Chunk(s)

Titration by KMNO₄

97.5 - 102.5 %

ICP Major Analysis

Confirmed

Confirms Iron Component

Solubility (Turbidity)

Clear

5% in 2% HCl

Solubility (Color)

Colorless to Green to Yellow

Specification: PRD.1.ZQ5.10000029508

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.