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Product Specification

Product Name:
Iron(III) chloride – sublimed grade, ≥99.9% trace metals basis

Product Number: **701122**
CAS Number: 7705-08-0



Formula: Cl_3Fe
Formula Weight: 162.20 g/mol

| TEST | Specification |
|--|--------------------|
| Appearance (Color) | Brown to Black |
| Appearance (Form) | Powder or Crystals |
| Titration by $\text{Na}_2\text{S}_2\text{O}_3$ % Fe | 33.9 - 34.9 % |
| ICP Major Analysis Confirms Iron Component | Confirmed |
| Purity > = 99.9% Based On Trace Metals Analysis | Meets Requirements |
| Trace Metal Analysis | ≤ 1000.0 ppm |

Specification: PRD.0.ZQ5.10000085783

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.