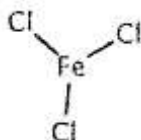


TIQ-F-QC-003  
Rev.00**Technical Data Sheet****FERRIC CHLORIDE ANHYDROUS LR**

Iron(III) chloride; Iron trichloride



|                          |                   |                         |                    |
|--------------------------|-------------------|-------------------------|--------------------|
| <b>Product Code</b>      | O-5279            | <b>Grade</b>            | Laboratory Reagent |
| <b>Purity</b>            | 97 %              | <b>CAS No</b>           | 7705-08-0          |
| <b>Molecular Formula</b> | FeCl <sub>3</sub> | <b>Molecular Weight</b> | 162.21 g/mol       |
| <b>H.S.Code</b>          | 2827.4190         | <b>Shelf Life</b>       | 60 Months          |

**Physical Properties**

|                                  |                        |                                |                                  |
|----------------------------------|------------------------|--------------------------------|----------------------------------|
| <b>Physical state</b>            | solid                  | <b>Melting point</b>           | 306 °C                           |
| <b>Colour</b>                    | dark, brown, to, black | <b>Density</b>                 | 2,800 g/cm <sup>3</sup> at 25 °C |
| <b>Vapor pressure</b>            | < 1 hPa at 20 °C       | <b>Relative vapour density</b> | 5,60 - (Air = 1.0)               |
| <b>Decomposition temperature</b> | 316 °C                 |                                |                                  |

**Packaging**

500 gram

**Specification**

|                    |                                         |
|--------------------|-----------------------------------------|
| Appearance         | Brownish black very deliquescent powder |
| Solubility         | Freely soluble in water                 |
| Assay (Iodometric) | min 97.0 %                              |
| Ferrous chloride   | max 1.0%                                |

**Safety Information and Hazard Symbols**

Symbol: GHS05, GHS07

Signal Word: Danger

UN No.: 1773

IMCO Class No.: 8

Packing Group: III

Hazardous Statement: H290-H302-H315-H318

Precaution Statement: P234-P264-P280-P301+P312-P302+P352-P305+P351+P338

Labotiq