

CERTIFICATE OF ANALYSIS

FERRIC CHLORIDE HEXAHYDRATE

| | | | |
|---------------------------|------------------------------------|--------------------------|--|
| SYNONYMS | : Iron (III) Chloride, Hexahydrate | | |
| PRODUCT CODE (SKU) | : 40600016-1 | MOLECULAR FORMULA | : H ₁₂ FeCl ₃ O ₆ |
| PRODUCT SIZE | : 500 g | MOLECULAR WEIGHT | : 270.3 g/mol |
| CAS NUMBER | : 10025-77-1 | STORAGE TEMP. | : RT |
| LOT NUMBER | : V18042002 | REASSAY/ EXP DATE | : 04/2023 |

| PROPERTIES | SPECIFICATIONS | TEST RESULTS |
|--------------------------|-----------------|--------------|
| Appearance: | Solid | PASS |
| Color: | Brownish-Yellow | PASS |
| Assay: | >= 97% | 99.4% |
| Insoluble matter: | <= 0.01% | < 0.01% |
| Calcium: | <= 0.01% | < 0.01% |
| Magnesium: | <= 0.002% | < 0.002% |
| Potassium: | <= 0.005% | < 0.005% |
| Sodium: | <= 0.05% | < 0.05% |
| Nitrite: | <= 0.01% | < 0.01% |
| Phosphate: | <= 0.01% | < 0.01% |
| Iron: | <= 0.002% | < 0.002% |
| Manganese: | <= 0.005% | < 0.005% |
| Copper: | <= 0.003% | < 0.003% |
| Zinc: | <= 0.003% | < 0.003% |

APPROVED BY:

DATE:
05-02-2018



Kayleigh Humphries
Quality Assurance

CREATION DATE: 05-02-2018 PRINT DATE: 03-13-2020

The above information is based upon data received from our supplier or our quality control measurements.



P: 614.792.8680
F: 614.792.8680
E: info@buffersandreagents.com
W: www.buffersandreagents.com

Buffers and Reagents
4150 Tuller Road
Suite 228
Dublin, OH 43017