

## Certificate of Analysis

Date of Testing: 2024-09-10 16:58:10

Date of Next Testing: 2026-09-10 16:58:10

Product Name: **Iron(III) chloride**

CAS Number: 7705-08-0

Specifications & Purity: Analytical Reagent

Lot #: I2404245

SKU #: **I112065**

Version: **0**

Analysis #: **411588**

Storage Temperature: Argon charged

| Parameter                                                       | Limit Values                                    | Result                                          |
|-----------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| (As)Arsenic                                                     | 0-10 (ppm)                                      | 2.50 ppm                                        |
| Manganese(Mn)                                                   | 0-3000 (ppm)                                    | 1500.00 ppm                                     |
| (Pb)Lead                                                        | 0-200 (ppm)                                     | 0.36 ppm                                        |
| Zinc(Zn)                                                        | 0-1000 (ppm)                                    | 200.00 ppm                                      |
| Insoluble matter                                                | 0-1 (%)                                         | 0.50 %                                          |
| Fe(Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ) | 33.1-35.6 (%)                                   | 33.90 %                                         |
| Copper(Cu)                                                      | 0-0.1 (%)                                       | 0.04 %                                          |
| Appearance (I112065)                                            | Red to Green to Grey to Black Powder or Crystal | Red to Green to Grey to Black Powder or Crystal |
| X-Ray Diffraction                                               | Conforms to Structure                           | Conforms to Structure                           |



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