

## Certificate of Analysis

Date of Testing: 2022-06-16 23:57:51

Date of Next Testing: 2026-06-15 23:57:51

Product Name: **Ferrocene**

CAS Number: 102-54-5

Specifications & Purity: 98%

Lot #: F2215475

SKU # **F108389**

**Analysis: 101157**

| Parameter                    | Limit Values                    | Result                          |
|------------------------------|---------------------------------|---------------------------------|
| Melting point                | 173-177 (°C)                    | 175.14000 °C                    |
| Carbon by Elemental Analysis | 62.9-66.1 (%)                   | 64.64 %                         |
| Purity(GC)                   | 98-100 (%)                      | 99.77 %                         |
| Appearance (F108389)         | Burnt-Orange Crystals or Powder | Burnt-Orange Crystals or Powder |
| ICP: Confirms Fe Components  | Confirmed                       | Confirmed                       |
| Infrared spectrum            | Conforms to Structure           | Conforms to Structure           |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager