

## Certificate of Analysis

Date of Testing: 2023-04-11 16:08:33  
Date of Next Testing: 2025-03-31 16:08:33  
Product Name: **Ferrocenecarboxaldehyde**  
CAS Number: 12093-10-6  
Specifications & Purity: 98%  
Lot #: H1822129  
SKU #: **F102092**  
**Analysis:** **209199**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.16590%
Melting point	118-123 (°C)	118.01000 °C
Carbon by Elemental Analysis	60.1-63.3 (%)	60.40%
Appearance (F102092)	Orange to red-brown powder or crystals	Orange to red-brown powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH (c = 50 mg/ml)	red to brown Clear opacity solution (c = 50 mg/ml)	red to brown Clear opacity solution (c = 50 mg/ml)



John Su  
QA & QC Manager