

Certificate of Analysis

Date of Testing: 2023-08-16 14:01:22
Date of Next Testing: 2025-08-05 14:01:22
Product Name: **Ferrocenecarboxaldehyde**
CAS Number: 12093-10-6
Specifications & Purity: 98%
Lot #: J2127042
SKU #: **F102092**
Analysis: **264769**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.80000 %
Melting point	118-123 (°C)	118.52000 °C
Carbon by Elemental Analysis	60.1-63.3 (%)	61.20 %
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