

## Certificate of Analysis

Date of Testing: 2022-07-22 16:29:16  
Date of Next Testing: 2026-07-21 16:29:16  
Product Name: **Manganese acetylacetonate**  
CAS Number: 14284-89-0  
Specifications & Purity: 97%  
Lot #: G2220553  
SKU #: **M106182**  
**Analysis: 093288**

| Parameter                        | Limit Values             | Result                   |
|----------------------------------|--------------------------|--------------------------|
| Purity(Chelometric Titration)    | 97-100 (%)               | 97.50%                   |
| Appearance (M106182)             | Black powder or crystals | Black powder or crystals |
| ICP:Confirms Manganese Component | Confirmed                | Confirmed                |
| Infrared spectrum                | Conforms to Structure    | Conforms to Structure    |
| Solubility(dilute HCl)           | Almost transparency      | almost transparency      |



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QA & QC Manager