

## Certificate of Analysis

Date of Testing: 2023-11-14 14:47:34  
Date of Next Testing: 2025-11-13 14:47:34  
Product Name: **Acetylacetonatobis(ethylene)rhodium(I)**  
CAS Number: 12082-47-2  
Specifications & Purity: 95%  
Lot #: B2208099  
SKU #: **A118538**  
**Analysis:** **295139**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                     | Limit Values              | Result                    |
|---|---------------------------|---------------------------|
| Rh(ICP)                                       | 37.4-39.9 (%)             | 37.60 %                   |
| Gravimetric Analysis(After reduction with Mg) | 95-100 (%)                | 95.00 %                   |
| Carbon by Elemental Analysis                  | 39.3-44.3 (%)             | 41.73 %                   |
| Appearance (A118538)                          | orange crystals or powder | orange crystals or powder |
| Infrared spectrum                             | Conforms to Structure     | Conforms to Structure     |
| Proton NMR spectrum                           | Conforms to Structure     | Conforms to Structure     |



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QA & QC Manager