

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-01-20 11:22:31

Date of Next Testing: 2029-01-19 11:22:31

Product Name: **Dichloro[(±)-BINAP]digold(I)**

CAS Number: 685138-48-1

Specifications & Purity: ≥97%

Lot #: K1214009

SKU #: **D118690**

Version: **0**

**Analysis #:** **464986**

Storage Temperature: Room temperature

| Parameter                    | Limit Values                          | Result                                |
|------------------------------|---------------------------------------|---------------------------------------|
| Melting point                | 335-350 (°C)                          | 342.70000 °C                          |
| Purity                       | 97-100 (%)                            | 97.20000 %                            |
| Gold(Au)                     | 35-37.4 (%)                           | 36.20000 %                            |
| Carbon by Elemental Analysis | 46.9-50.3 (%)                         | 48.50000 %                            |
| Appearance (D118690)         | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Infrared spectrum            | Conforms to Structure                 | Conforms to Structure                 |
| Phosphorus NMR Spectra       | Conforms to Structure                 | Conforms to Structure                 |
| Proton NMR spectrum          | Conforms to Structure                 | Conforms to Structure                 |



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QA & QC Manager