

## Certificate of Analysis

Date of Testing: 2023-01-13 14:38:40  
Date of Next Testing: 2025-01-12 14:38:40  
Product Name: **(Pentamethylcyclopentadienyl)titanium(IV) Trichloride**  
CAS Number: 12129-06-5  
Specifications & Purity: >97.0%  
Lot #: D2102194  
SKU #: **P160140**  
**Analysis:** **178744**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NMR)	97-100 (%)	97.00%
Appearance (P160140Form)	Powder to crystal	Powder to crystal
Appearance (P160140Color)	Dark red to Brown	Dark red to Brown
ICP:Confirms Titanium Component	Confirmed	Confirmed
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager