

## Certificate of Analysis

Date of Testing: 2024-02-23 08:54:50  
Date of Next Testing: 2025-02-22 08:54:50  
Product Name: **Propylmagnesium chloride solution**  
CAS Number: 2234-82-4(THF)  
Specifications & Purity: 2.0M in THF  
Lot #: D23181108  
SKU #: **P110287**  
**Analysis:** **322704**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Concentration(Titration Sec-Butanol)	1.9-2.2 (mol/L)	2.05 mol/L
Appearance (P110287)	Grey to red or brown liquid	Grey to red or brown liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager