

## Certificate of Analysis

Date of Testing: 2023-10-17 09:22:05  
Date of Next Testing: 2026-10-16 09:22:05  
Product Name: **Lanthanum(III) chloride bis(lithium chloride) complex solution**  
CAS Number: 405204-22-0  
Specifications & Purity: 0.6 M in THF  
Lot #: J2309239  
SKU #: **L343914**  
**Analysis:** **275556**  
Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
titration (molarity)	0.45-0.75 (mol/L)	0.60000 mol/L
Appearance(L343914)	Very Faint Yellow to Yellow and Very Faint Orange to Orange and Very Faint Green-Yellow to Green-Yellow liquid	Very Faint Yellow to Yellow and Very Faint Orange to Orange and Very Faint Green-Yellow to Green-Yellow liquid
Infrared spectrum	conforms to structure	Conforms to Structure
Major Analysis(Confirms Lanthanum and Lithium Components)	Confirmed	Confirmed



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QA & QC Manager