

## Certificate of Analysis

Date of Testing: 2024-01-26 16:14:43  
Date of Next Testing: 2027-01-25 16:14:43  
Product Name: **Lanthanum(III) trifluoromethanesulfonate**  
CAS Number: 52093-26-2  
Specifications & Purity: 98%  
Lot #: A2420260  
SKU #: **L101040**  
**Analysis: 312894**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
La(Complexometric EDTA)	23.3-24.1 (%)	23.77 %
Purity(Chelometric Titration)	98-100 (%)	99.98 %
Appearance (L101040)	White Powder or Crystals	White Powder or Crystals
ICP: Confirms Lanthanum and Sulfur Components	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager