

Certificate of Analysis

Date of Testing: 2024-03-12 11:20:55

Date of Next Testing: 2027-03-12 11:20:55

Product Name: **Samarium(III) acetate hydrate**

CAS Number: 100587-91-5

Specifications & Purity: 99%

Lot #: F2110125

SKU #: **S189288**

Analysis: **329140**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity	99-100 (%)	99.37 %
Sm(Complexometric EDTA)	36-38 (%)	37.96 %
Appearance (S189288)	Off-White to Yellow Powder,Chunk or Crystals	Off-White to Yellow Powder,Chunk or Crystals
ICP: Confirms Samarium	Confirmed	Confirmed
Component		
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager