

Certificate of Analysis

Date of Testing: 2023-05-13 13:25:34

Date of Next Testing: 2026-05-12 13:25:34

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

CAS Number: 100587-91-5

Specifications & Purity: 99%

Lot #: D23251110

SKU #: **S189288**

Analysis: **223120**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity	99-100 (%)	99.96 %
Sm(Complexometric EDTA)	36-38 (%)	37.27 %
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