

Certificate of Analysis

Date of Testing: 2024-09-03 19:11:10

Date of Next Testing: 2027-09-03 19:11:10

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

CAS Number: 100587-91-5

Specifications & Purity: 99%

Lot #: K2130596

SKU #: **S189288**

Version: **0**

Analysis #: **406456**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity	99-100 (%)	99.97 %
Sm(Complexometric EDTA)	36-38 (%)	36.02 %
Appearance (S189288)	Off-White to Yellow Powder,Chunk or Crystals	Off-White to Yellow Powder,Chunk or Crystals
ICP: Confirms Samarium Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager