

Certificate of Analysis

Date of Testing: 2025-01-16 19:17:27

Date of Next Testing: 2029-01-15 19:17:27

Product Name: **Yttrium nitrate hexahydrate**

CAS Number: 13494-98-9

Specifications & Purity: $\geq 99.9\%$ metals basis

Lot #: A2509391

SKU #: **Y106053**

Version: **0**

Analysis #: **464835**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Y(Compleximetric EDTA)	22.9-25.8 (%)	23.92 %
Water by Karl Fischer	26-29 (%)	28.82 %
Purity(Based On Trace Rare Earth Analysis of ICP)	99.9-100 (%)	100.00 %
Trace Rare Earth Analysis	0-2000 (ppm)	34.00 ppm
Appearance (Y106053)	white crystal or crystal powder	white crystal or crystal powder
ICP: Confirms Yttrium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager