

Certificate of Analysis

Date of Testing: 2024-11-06 10:21:05

Date of Next Testing: 2028-11-05 10:21:05

Product Name: **Yttrium nitrate hexahydrate**

CAS Number: 13494-98-9

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

Lot #: K2401604

SKU #: **Y106053**

Version: **0**

Analysis #: **431645**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Y(Compleximetric EDTA)	22.9-25.8 (%)	24.38 %
Water by Karl Fischer	26-29 (%)	27.33 %
Purity(Based On Trace Rare Earth Analysis of ICP)	99.9-100 (%)	99.99 %
Trace Rare Earth Analysis	0-2000 (ppm)	90.00 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