

Certificate of Analysis

Date of Testing: 2022-02-10 14:36:40
Date of Next Testing: 2026-02-09 14:36:40
Product Name: **Yttrium nitrate hexahydrate**
CAS Number: 13494-98-9
Specifications & Purity: 99.9% metals basis
Lot #: B2207253
SKU #: **Y106053**
Analysis: **071929**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Y(Compleximetric EDTA)	22.9-25.8 (%)	24.16 %
Water by Karl Fischer	26-29 (%)	26.02 %
Purity(Based On Trace Rare Earth Analysis of ICP)	99.9-100 (%)	99.99 %
Trace Rare Earth Analysis	0-2000 (ppm)	162.00 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