

Certificate of Analysis

Date of Testing: 2023-11-01 14:41:44

Date of Next Testing: 2027-10-31 14:41:44

Product Name: **Yttrium nitrate hexahydrate**

CAS Number: 13494-98-9

Specifications & Purity: 99.9% metals basis

Lot #: J2327697

SKU #: **Y106053**

Analysis: **291582**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Y(Compleximetric EDTA)	22.9-25.8 (%)	23.94 %
Water by Karl Fischer	26-29 (%)	28.80 %
Purity(Based On Trace Rare Earth Analysis of ICP)	99.9-100 (%)	99.99 %
Trace Rare Earth Analysis	0-2000 (ppm)	82.00 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

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager