

Certificate of Analysis

Date of Testing: 2024-12-17 16:53:50

Date of Next Testing: 2028-12-16 16:53:50

Product Name: **YTTERBIUM NITRIDE**

CAS Number: 24600-77-9

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

Lot #: L2411184

SKU #: **Y303184**

Version: **0**

Analysis #: **034718**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.98 %
Trace Rare Earth Analysis(by ICP Atomic emission)	0-2000 (ppm)	216.00 ppm
Appearance (Y303184Color)	Black	Black
Appearance (Y303184Form)	Powder	Powder
ICP:Confirms Ytterbium component	Confirmed	Confirmed



John Su
QA & QC Manager