

Certificate of Analysis

Date of Testing: 2023-02-02 11:30:23

Date of Next Testing: 2027-02-01 11:30:23

Product Name: **Yttrium chloride**

CAS Number: 10361-92-9

Specifications & Purity: anhydrous, powder, 99.99% metals basis

Lot #: A2330209

SKU #: **Y119224**

Analysis: **170505**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	1.33 %
Purity(Based On Trace Metals Analysis)	99.95-100 (%)	100.00 %
Trace Rare Earth Analysis	0-500 (ppm)	1.00 ppm
Purity(O2 AgNO3 titration with after combustion)	52.5-55.7 (%)	53.15 %
Appearance (Y119224)	White powder	White powder
ICP: Confirms Yttrium Component	Confirmed	Confirmed



John Su
QA & QC Manager