

## Certificate of Analysis

Date of Testing: 2023-02-02 13:35:57

Date of Next Testing: 2027-02-01 13:35:57

Product Name: **Yttrium chloride**

CAS Number: 10361-92-9

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

Lot #: A2330212

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    |



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