

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-12 11:48:45  
Date of Next Testing: 2027-04-11 11:48:45  
Product Name: **Scandium oxide**  
CAS Number: 12060-08-1  
Specifications & Purity: 99.99% metals basis  
Lot #: F1920027  
SKU #: **S110935**  
**Analysis:** **209642**  
Storage Temperature: Argon charged

| Parameter                                  | Limit Values          | Result                |
|--|-----------------------|-----------------------|
| Trace Rare Earth Analysis                  | 0-200 (ppm)           | 99.00 ppm             |
| Sc(Complexiometric EDTA)                   | 63.9-67.5 (%)         | 65.40 %               |
| Purity(Based On Trace Rare Earth Analysis) | 99.99-100 (%)         | 99.99 %               |
| Appearance (S110935)                       | White powder          | White powder          |
| ICP: Confirms Scandium Component           | Confirmed             | Confirmed             |
| X-Ray Diffraction                          | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager