



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **Samarium oxide**  
Specifications & Purity: 99.99% metals basis  
SKU # **S108775**

| Parameter                                  | Limit Values                    |
|--------------------------------------------|---------------------------------|
| Purity(Based On Trace Rare Earth Analysis) | 99.99-100 (%)                   |
| Sm(Complexometric EDTA)                    | 84-88.4 (%)                     |
| Trace Rare Earth Analysis                  | 0-200 (ppm)                     |
| Appearance (S108775)                       | Off-White to Pale Orange Powder |
| ICP: Confirms Samarium Component           | Confirmed                       |
| X-Ray Diffraction                          | Conforms to Structure           |