

# Certificate of analysis

Lanthanum (III) oxalate, REacton, 99.99% (REO)

Stock Number: 13196

Lot Number: C27N35

## Analysis

|                                                      |                                                      |
|------------------------------------------------------|------------------------------------------------------|
| La <sub>2</sub> O <sub>3</sub> (theory, decahydrate) | 45.12 %                                              |
| La <sub>2</sub> O <sub>3</sub> (found)               | 49.03 %                                              |
| Water of hydration                                   | 6.8                                                  |
| Method                                               | Ignition to La <sub>2</sub> O <sub>3</sub> at 1000°C |

|    |         |    |         |    |         |    |         |
|----|---------|----|---------|----|---------|----|---------|
| Ag | < 0.001 | Al | 0.001   | As | < 0.001 | Au | < 0.001 |
| B  | < 0.001 | Ba | < 0.001 | Be | < 0.001 | Bi | < 0.001 |
| C  | ND      | Ca | 0.013   | Cd | < 0.001 | Ce | 0.003   |
| Co | < 0.001 | Cr | < 0.001 | Cs | ND      | Cu | < 0.001 |
| Dy | < 0.001 | Er | < 0.001 | Eu | < 0.001 | Fe | < 0.001 |
| Ga | < 0.001 | Gd | < 0.001 | Ge | < 0.001 | Hf | < 0.001 |
| Hg | < 0.001 | Ho | < 0.001 | In | < 0.001 | Ir | < 0.001 |
| K  | 0.38    | La | Major   | Li | < 0.001 | Lu | < 0.001 |
| Mg | 0.001   | Mn | < 0.001 | Mo | < 0.001 | Na | 0.016   |
| Nb | < 0.001 | Nd | 0.001   | Ni | < 0.001 | Os | < 0.001 |
| P  | 0.001   | Pb | < 0.001 | Pd | < 0.001 | Pr | < 0.001 |
| Pt | < 0.001 | Rb | ND      | Re | < 0.001 | Rh | < 0.001 |
| Ru | < 0.001 | S  | ND      | Sb | < 0.001 | Sc | < 0.001 |
| Se | < 0.001 | Si | 0.001   | Sm | < 0.001 | Sn | < 0.001 |
| Sr | 0.004   | Ta | < 0.001 | Tb | < 0.001 | Te | < 0.001 |
| Th | < 0.001 | Ti | < 0.001 | Tl | < 0.001 | Tm | < 0.001 |
| U  | < 0.001 | V  | < 0.001 | W  | < 0.001 | Y  | < 0.001 |
| Yb | < 0.001 | Zn | < 0.001 | Zr | < 0.001 |    |         |

Values are given in percent unless otherwise specified

ND: Not determined

Certified by:



Quality Control

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