

# Certificate of analysis

**Europium (III) nitrate, REacton, 99.9% (REO)**

**Stock Number:** 15290

**Lot Number:** 22473

## Analysis

### Batch Analysis

All concentrations are quoted in parts per million by weight, and the analysis technique employed was d.c. arc emission spectroscopy, unless otherwise denoted below. Unless otherwise stated, the specification (total metallic impurities) relates to impurities as detected.

### Elements sought and limits of detection:

Below is a list of limits of detection of impurity elements appropriate to the matrix, analytical standards, and methods of analysis used.

Ag	1	Al	1	As	50	B	1	Ba	30	Bi	2	Ca	1
Cd	30	Co	3	Cr	1	Cu	1	Fe	1	Ga	1	Ge	1
In	1	Mg	1	Mn	1	Mo	1	Nb	10	Ni	1	Pb	1
Sb	30	Si	1	Sn	1	Sr	1	Ta	10	Ti	1	Tl	5
V	1	W	10	Zr	3	Zn	100	Ce	100	Dy	10	Er	1
Gd	10	Ho	10	La	10	Lu	1	Nd	300	Pr	100	Sc	1
Sm	30	Tb	20	Tm	1	Yb	1	Y	1				


### Elements detected:

Pb 8 Si 12 Y 2

### Additional Analysis:

Eu assay: 33.9%

Certified by:



Quality Control

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