

Certificate of analysis

PURATONIC

Ytterbium (III) chloride, REacton, 99.9% (REO)**Stock Number:**11194
Lot Number: 22942**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	B	3	Ba	1	Be	1	Bi	2
Ca	1	Cd	1	Cr	1	Co	1	Cu	1	Fe	1
Li	1	Mg	1	Mn	1	Mo	1	Na	1	Ni	3
Pb	3	Si	1	Sn	3	Ti	1	V	1		

Elements detected

Pb 12

Additional analysis

Ytterbium assay:42.1%

Certified by:



Quality Control

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