



# Certificate of Analysis

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Product Name: Ytterbium(III) Oxide

Product Code: 2502-1524-16-50

Purity: 99.999% (REO)

Lot Number: VM20H01001A

Certification Date: 08/24/20

Formula: Yb<sub>2</sub>O<sub>3</sub>

Form: White To Beige Powder

CAS: 1314-37-0

## Lot Analysis

### Trace Impurities (PPM):

Ag	<1	Al	<1	Au	<1	As	<1	Ba	<1
Be	<1	Bi	<1	B	<1	Ca	<1	Cd	<1
Ce	<1	Co	<1	Cr	<1	Cs	7	Cu	<1
Dy	<1	Er	<1	Eu	<1	Fe	2	Ga	<1
Gd	<1	Ge	<1	Hf	<1	Ho	<1	In	<1
K	<1	La	<1	Li	<1	Mg	<1	Mn	<1
Mo	<1	Na	<1	Nb	<1	Nd	<1	Ni	<1
Pb	<1	Pd	<1	Pr	<1	Pt	<1	Rb	<1
Re	<1	Rh	<1	Ru	<1	Sb	<1	Sc	<1
Sm	<1	Sn	<1	Sr	<1	Ta	<1	Tb	<1
Te	<1	Ti	<1	Tl	<1	Tm	<1	V	<1
W	<1	Y	<1	Zn	<1	Zr	<1		

\*Purity is based on the measured trace impurities listed. Elemental Impurities are determined by the ICP-OES unless otherwise noted. Values below the detection limit are reported as less than the detection limit in ppm.

