

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	47263
<b>Product</b>	<b>Yttrium oxide powder (1~2 micron)</b>
<b>Lot Number</b>	003344-8212-051023
<b>CAS Number</b>	1314-37-0
<b>Molecular Formula</b>	Y <sub>2</sub> O <sub>3</sub>
<b>Molecular Weight</b>	225.81

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<b>Appearance</b>	White powder
<b>Mesh Size</b>	APS 1~2 micron
<b>Related Substances</b>	REC : Sm <sub>2</sub> O <sub>3</sub> , Eu <sub>2</sub> O <sub>3</sub> , Tb <sub>4</sub> O <sub>7</sub> , Dy <sub>2</sub> O <sub>3</sub> , Lu <sub>2</sub> O <sub>3</sub> , La <sub>2</sub> O <sub>3</sub> , CeO <sub>2</sub> , Nd <sub>2</sub> O <sub>3</sub> , Gd <sub>2</sub> O <sub>3</sub> , Yb <sub>2</sub> O <sub>3</sub> , Ho <sub>2</sub> O <sub>3</sub> , Er <sub>2</sub> O <sub>3</sub> , Tm <sub>2</sub> O <sub>3</sub> : < 1 ppm NREC : Si : < 10 ppm, Ca, Mg, Cu : < 5 ppm, Fe, Al : < 3 ppm, Co : < 1 ppm, Ni : < 2 ppm
<b>Purity</b>	> 99.995% (REO)
<b>Storage</b>	Store at RT
<b>Country of Origin</b>	China
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
**Quality Control Manager**