



Maximize your productivity through
Skyspring nanomaterials

Yttrium Oxide Powder (Y₂O₃, 99.995%, 30~50nm)

Product Number: 8210CG

Form: White powder

Empirical Formula: Y₂O₃

Specifications

Purity: 99.995% (REO)

Appearance: white nanopowder

APS: 30-50 nm

SSA: ~ 40 m²/g

Morphology: spherical

Bulk density: ~ 0.33 g/cm³

True density: 5.01 g/cm³

Typical Impurities (wt%):

Rare Earth Contents	Sm ₂ O ₃	<20
	Eu ₂ O ₃	<20
	Tb ₄ O ₇	<20
	Dy ₂ O ₃	<5
	Lu ₂ O ₃	<5
Non-Rare Earth Contents	Fe ₂ O ₃	<20
	SiO ₂	<20
	CaO	<20
	CuO	-
	NiO	-