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**Skyspring nanomaterials**

Zirconium Oxide Nanopowder / Nanoparticles ( $ZrO_2-3Y$ ,  
99.9%, 0.3-0.5  $\mu m$ )  
Product Number: 8520DL  
Empirical Formula:  $ZrO_2$   
CAS #: 1314-23-4

### Details

Yttria Stabilized Zirconium Oxide Nanopowder / Nanoparticles (  $ZrO_2-3Y$ , 0.3~0.5 $\mu m$ )  
Purity : 99.9%  
Content of  $Y_2O_3$  ( wt% ): 5~5.4%  
D50: 0.3~3 $\mu m$   
SSA: >6 m<sup>2</sup>/g  
Color: white

### Typical Impurities:

Impurities	Sm	≤10 ppm
	Eu	≤10 ppm
	Gd	≤10 ppm
	Dy	≤10 ppm
	B	≤1.0 ppm
	Cd	≤1.0 ppm
	Hf	≤300 ppm