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**Skyspring nanomaterials**

## **Boehmite Nanoparticles/ Nanopowder ( 99.9+%, 10~20nm )**

$\text{AlOOH}\cdot\text{H}_2\text{O}$ , 99.9+%, 10~20 nm

Product #: 1315TB

Appearance: White Powder

Empirical Formula:  $\text{AlOOH}\cdot\text{H}_2\text{O}$

### **Specifications**

Boehmite nanopowder ( $\text{AlOOH}\cdot\text{H}_2\text{O}$ )

White nanopowder, Dispersible in water

Boehmite Nanopowder Grain Size: 10-20 nm

Boehmite Nanopowder D50: 170-180 nm

Boehmite Nanopowder Secondary Particle Size: 20-30  $\mu\text{m}$

Boehmite Nanopowder Bulk Density: 0.4-0.6 g/ml

Boehmite Nanopowder SSA: 142.8  $\text{m}^2/\text{g}$

Boehmite Nanopowder Pore Volume: 0.73  $\text{cm}^3/\text{g}$

Boehmite Nanopowder Average Pore Diameter: 20 nm

Boehmite Nanopowder Distribution of Pore Diameter: 2-40 nm (>95%)

Impurities Contents

Si < 50	Ca < 10
Fe < 20	Mg < 5
Na < 10	
K < 10	

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