

# Chem-Impex International, Inc.

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## Product Specifications



|                          |  |
|--------------------------|--|
| <b>Catalogue Number</b>  | 47287  |
| <b>Product</b>           | <b>Aluminum oxide micron powder (D50: 3.5-15</b> |
| <b>CAS Number</b>        | 1344-28-1  |
| <b>Molecular Formula</b> | Al <sub>2</sub> O <sub>3</sub>                   |
| <b>Molecular Weight</b>  | 101.96   |

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|------------------------------------|--|
| <b>Appearance</b>                  | White nanopowder   |
| <b>Water Content (Karl Fisher)</b> | ≤ 0.5%   |
| <b>Mesh Size</b>                   | APS D50: 3.5-15 micron, SSA 1~6 m <sup>2</sup> /g                                      |
| <b>Related Substances</b>          | Ca : ≤ 10.36 ppm, Fe : ≤ 14.52 ppm, K : ≤ 33.78 ppm, Na : ≤ 6.13 ppm, Si : ≤ 12.93 ppm |
| <b>Assay</b>                       | Content of α phase : ≥ 97%   |
| <b>Purity</b>                      | ≥ 99.99% (Trace metals basis)  |
| <b>Storage</b>                     | Store at RT  |

**For Laboratory Use Only**