

**Product Name:** Aluminum oxide, NanoDur™ AL-0405, 99.5%  
**Catalog Number:** 044931.36

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**CAS Number:** 1344-28-1  
**IUPAC Name:** dialuminium(3+) trioxidandiide  
**Molecular Formula:** Al<sub>2</sub>O<sub>3</sub>  
**Molecular Weight:** 101.96  
**MDL Number:** MFCD00003424  
**InChI Key:** PNEYBMLMFCGWSK-UHFFFAOYSA-N  
**SMILES:** [O--].[O--].[O--].[Al+3].[Al+3]  
**Synonym:** aluminum oxidelaluminium oxide

## Product Specification

**Assay (unspecified):** 99.5% Al<sub>2</sub>O<sub>3</sub> min  
**Surface Area:** 32-40m<sup>2</sup>/g

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**Date Of Print:** 05/05/2025

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*