

**Product Name:** Aluminum oxide, alpha-phase, 99.9% (metals basis), Thermo Scientific Chemicals

**Catalog Number:** 042571.36

**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

**Appearance (Color):** White

**Form:** Powder

**Total Metal Impurities:** ≤0.1%

**Particle Size:** 20-50 Microns (D-50)

**Surface Area:** 4.0-7.0 m<sup>2</sup>/g

**Date Of Print:** 05/15/2024

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