

Product Data Sheet

(5N) 99.999% Aluminum Oxide Nanoparticles, Silane Coated

Product Code: AL-OX-05-NPCS

Formula: Al₂O₃

CAS No.: 1344-28-1

EC No.: 215-691-6

MDL: MFCD00003424

Chemical Identifiers

Linear Formula	Al ₂ O ₃
MDL Number	MFCD00003424
EC No.	215-691-6
Beilstein Registry No.	N/A
Pubchem CID	14769
IUPAC Name	Oxo(oxoalumanyloxy) alumane
SMILES	O=[Al]O[Al]=O
Inchl Identifier	InChI=1S/2Al.3O
Inchl Key	TWNQGVIAIRXVLR-UHFFFAOYSA-N

Total Metal Impurities: 0.001% max.

Packaging Specifications

Typical bulk packaging includes palletized plastic 5 gallon/25 kg. pails, fiber and steel drums to 1 ton super sacks in full container (FCL) or truck load (T/L) quantities. Research and sample quantities and hygroscopic, oxidizing or other air sensitive materials may be packaged under argon or vacuum. Shipping documentation includes a Certificate of Analysis and Safety Data Sheet (SDS). Solutions are packaged in polypropylene, plastic or glass jars up to palletized 440 gallon liquid totes, and 36,000 lb. tanker trucks.

Documentation

A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.