

Product Data Sheet

Aluminum Cerium Oxide Nanoparticle Dispersion

Product Code: AL-CEO-01-NPD

Formula: AlCeO₃
CAS No.: 12014-44-7
EC No.: 234-597-6
MDL: MFCD02687050

Chemical Identifiers

Linear Formula	AlCeO ₃
MDL Number	MFCD02687050
EC No.	234-597-6
Beilstein Registry No.	N/A
Pubchem CID	44149931
IUPAC Name	aluminum; cerium(3+); oxygen(2-)
SMILES	[O-2].[O-2].[O-2].[Al+3].[Ce+3]
InChI Identifier	InChI=1S/Al.Ce.3O/q2*+3;3*-2
InChI Key	NTWUDWUVKKRQRK-UHFFFAOYSA-N

Total Metal Impurities: Variable or N/A

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.