

Product Data Sheet

(5N) 99.999% Barium Zirconate Ingot

Product Code: BA-ZRO-05-I

Formula: BaZrO₃
CAS No.: 12009-21-1
EC No.: 234-546-8
MDL: MFCD00014189

Chemical Identifiers

Linear Formula	BaZrO ₃
MDL Number	MFCD00014189
EC No.	234-546-8
Beilstein Registry No.	N/A
Pubchem CID	197132
IUPAC Name	barium(2+); oxygen(2-); zirconium(4+)
SMILES	[Ba+2].[O-].[Zr]([O-])=O
Inchl Identifier	InChI=1S/Ba.3O.Zr/q+2;;2*-1;
Inchl Key	DQBAOWPVHRWLJC-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.