

Product Data Sheet

(5N) 99.999% Bismuth Subnitrate

Product Code: BI-SNAT-05

Formula: Bi₅O(OH)₉(NO₃)₄

CAS No.: 1304-85-4

EC No.: 215-136-8

MDL: MFCD00064844

Chemical Identifiers

Linear Formula	Bi ₅ O(OH) ₉ (NO ₃) ₄
MDL Number	MFCD00064844
EC No.	215-136-8
Pubchem CID	24884203
IUPAC Name	tetrabismuth; oxobismuthanylium; nonahydroxide; tetranitrate
SMILES	O=[N+][([O-])O[Bi](O)O.O[Bi](O)O[N+][([O-])=O.O[Bi]=O.O[Bi](O)O[N+][([O-])=O.O[Bi](O)O[N+][([O-])=O
Inchl Identifier	InChI=1S/5Bi.4NO3.9H2O.O/c;;;;;;;;;4*2-1(3)4;;;;;;;;;;/h;;;;;;;;;;9*1H2;/q+1;4*+3;4*-1;;;;;;;;;;/p-9
Inchl Key	OAVDTZZNYFIIGB-UHFFFAOYSA-E

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.