

Product Data Sheet

(2N) 99% Bismuth Nitrate Pentahydrate

Product Code: BI-NAT-02-C.5HYD

Formula: $\text{Bi}(\text{NO}_3)_3 \cdot 5\text{H}_2\text{O}$

CAS No.: 10035-06-0

EC No.: 233-791-8

MDL: MFCD00149157

Chemical Identifiers

Linear Formula	$\text{Bi}(\text{NO}_3)_3 \cdot 5\text{H}_2\text{O}$
MDL Number	MFCD00149157
EC No.	233-791-8
Beilstein Registry No.	N/A
Pubchem CID	160911
IUPAC Name	bismuth trinitrate pentahydrate
SMILES	<chem>[N+](=O)([O-])[O-].[N+](=O)([O-])[O-].[N+](=O)([O-])[O-].O.O.O.O.O.[Bi+3]</chem>
Inchl Identifier	<chem>InChI=1S/Bi.3NO3.5H2O/c;3*2-1(3)4;;;;;h;;;;;5*1H2/q+3;3*-1;;;;;</chem>
Inchl Key	FBXVOTBTGXARNA-UHFFFAOYSA-N

Total Metal Impurities: 1.0% 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.