

Product Data Sheet

(3N) 99.9% Yttrium(III) Nitrate Hydrate

Product Code: Y3-NAT-03-C.XHYD

Formula: $Y(NO_3)_3 \cdot xH_2O$

CAS No.: 10361-93-0

EC No.: 233-802-6

MDL: MFCD00149940

Chemical Identifiers

Linear Formula	$Y(NO_3)_3 \cdot xH_2O$
MDL Number	MFCD00149940
EC No.	233-802-6
Beilstein Registry No.	N/A
Pubchem CID	23169389
IUPAC Name	yttrium(3+); trinitrate; hydrate
SMILES	<chem>[N+](=O)([O-])[O-].[N+](=O)([O-])[O-].[N+](=O)([O-])[O-].O.[Y+3]</chem>
Inchl Identifier	InChI=1S/3NO3.H2O.Y/c3*2-1(3)4;;/h;;;1H2;/q3*-1;;+3
Inchl Key	WUVRZBFIXJWTGS-UHFFFAOYSA-N

Total Metal Impurities: 0.1% 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.