

# Product Data Sheet

## (5N) 99.999% Potassium Niobate Sputtering Target

Product Code: K-NBO-05-ST

Formula:  $\text{KNbO}_3$   
CAS No.: 12030-85-2  
EC No.: 234-744-4  
MDL: MFCD00049651

### Chemical Identifiers

Linear Formula	$\text{KNbO}_3$
MDL Number	MFCD00049651
EC No.	234-744-4
Beilstein Registry No.	N/A
Pubchem CID	160967
IUPAC Name	potassium; niobium(5+); oxygen(2-)
SMILES	<chem>[K+].[O-][Nb](=O)=O</chem>
Inchl Identifier	InChI=1S/K.Nb.3O/q+1;;;-1
Inchl Key	UKDIAJWKFXFVFG-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.