

Product Data Sheet

(2N5) 99.5% Lanthanum Oxysulfide, Terbium-doped

Product Code: LA-OS-025-P.TBD

Formula: La₂O₂S:Tb³⁺

CAS No.: 12031-43-5

EC No.: 234-750-7

MDL: N/A

Chemical Identifiers

Linear Formula	La ₂ O ₂ S:Tb ³⁺
MDL Number	N/A
EC No.	234-750-7
Pubchem CID	9949910 / 165994
IUPAC Name	lanthanum(3+); oxygen(2-); sulfide
SMILES	[O-2].[O-2].[S-2].[La+3].[La+3]
Inchl Identifier	InChI=1S/2La.2O.S/q2*+3;3*-2
Inchl Key	BZXKASZNNANQGJD-UHFFFAOYSA-N

Total Metal Impurities: 0.5% 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

AMERICAN ELEMENTS | 10884 WEYBURN AVE | LOS ANGELES, CALIFORNIA 90024
 A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.
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