

Product Data Sheet

Yttrium Aluminum Perovskite doped with Cerium (Ce:YAP)

Product Code: YAP-CED-O1-XTAL

Formula: $\text{YAlO}_3:\text{Ce}$

CAS No.: 12003-86-0

EC No.: 234-443-8

MDL: N/A

Chemical Identifiers

Linear Formula	$\text{YAlO}_3:\text{Ce}$
MDL Number	N/A
EC No.	234-443-8
Pubchem CID	165936
IUPAC Name	aluminum; oxygen(2-); yttrium(3+)
SMILES	[O-2].[O-2].[O-2].[Al+3].[Y+3]
Inchl Identifier	InChI=1S/Al.3O.Y/q+3;3*-2;+3
Inchl Key	JNDMLEXHDPKVFC-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 18304 are supplied with every shipment.
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