

NS6130-12-001121

Quick Facts

Product	:	Dysprosium (III) Nitrate Hydrate
Stock No	:	NS6130-12-001121
CAS	:	100641-31-2
Molecular Formula	:	Dy(NO ₃) ₃ •xH ₂ O
Purity	:	99.9%

Dysprosium (III) Nitrate Hydrate

Purity
99.9%

Technical Specification

Molecular Weight

348.51g/mol

Melting Point

88.6°C

Dysprosium (III) nitrate hydrate is a chemical compound composed of dysprosium, nitrogen, oxygen, and water molecules. Its chemical formula is Dy(NO₃)₃•xH₂O. Dysprosium (III) nitrate hydrate is used as a phosphor material in some types of lighting, where it helps to produce a bright and efficient light. Dysprosium (III) nitrate hydrate is used as a dopant in some types of permanent magnets, where it helps to improve their magnetic properties, such as coercivity and energy product.



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

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