

**NS6130-12-001170**

## Quick Facts

Product	:	Erbium (III) Chloride
Stock No	:	NS6130-12-001170
CAS	:	10138-41-7
Molecular Formula	:	ErCl <sub>3</sub>
Purity	:	99.9%

## Technical Specification

Molecular Weight	Density	Melting Point	APS
273.62g/mol	4.1g/cm <sup>3</sup>	776°C	40-50µm

Erbium (III) chloride, also known as erbium trichloride, is a chemical compound composed of erbium and chlorine. Its chemical formula is ErCl<sub>3</sub>. Erbium (III) chloride is commonly used as a dopant in solid-state lasers, including fiber lasers, semiconductor lasers, and laser diodes. Erbium (III) chloride is used as a contrast agent in MRI scans. Erbium (III) chloride can also be used in the production of specialty glasses, such as laser glasses and fiber-optic glasses.

# ERBIUM III Chloride

**Purity**  
99.9%

**ErCl<sub>3</sub>**  
APS 40-50µm



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CERTIFIED COMPANY

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