

SPECIFICATION

Aluminium Iodide Anhydrate

Parameters	Specification
CAS Number	7784-23-8
Appearance	White crystalline solid
Molecular Formula	AlI ₃
Molecular Weight	407.70 g/mol
Boiling Point	426 °C
Melting Point	190 °C
Flash Point	300 °C
Purity	98–99%
Refractive Index	1.8
Solubility	Reactive with water; hydrolyzes to HI and Al(OH) ₃ ; soluble in certain organic solvents
Uses	Precursor to aluminum salts; iodination and alkylation catalyst in organic synthesis; reagent for synthesis of complex iodides

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