

## SPECIFICATION

### Boron Trifluoride

Parameters	Specification
CAS Number	2095581
Appearance	Colorless liquid
Molecular Formula	BF <sub>3</sub>
Molecular Weight	67.81 g/mol
Boiling Point	-100.0 °C
Melting Point	-126.7 °C
Flash Point	-76 °C
Purity	99.0–99.9%
Refractive Index	1.0007
Solubility	Reacts with water; hydrolyzes to boric acid and HF
Uses	Lewis acid catalyst in organic synthesis; fluorinating agent

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