

SPECIFICATION

Boron Trifluoride-Acetic Acid Complex

Parameters	Specification
CAS Number	373-61-5
Appearance	Colorless crystals
Molecular Formula	C ₄ H ₈ BF ₃ O ₄
Molecular Weight	127.86 g/mol
Boiling Point	101 °C
Melting Point	60 °C
Flash Point	95 °C
Purity	98–99%
Refractive Index	1.43
Solubility	Soluble in acetone and some organic solvents, hydrolyzes in water
Uses	Lewis acid catalyst in organic synthesis, complex used as BF ₃ source

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