

SPECIFICATION

Bismuth Nitrate Pentahydrate

Parameters	Specification
CAS Number	10035-06-0
Appearance	Pale yellow crystalline powder
Molecular Formula	$\text{BiH}_{10}\text{N}_3\text{O}_{14}$
Molecular Weight	485.09 g/mol
Boiling Point	350 °C
Melting Point	90 °C
Flash Point	110 °C
Purity	98–99%
Refractive Index	1.6
Solubility	Soluble in water; soluble in ethanol
Uses	Precursor for bismuth oxide production; reagent in synthesis of bismuth compounds; oxidizing agent in analytical chemistry

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