

SPECIFICATION

Tricalcium Phosphate IP

Parameters	Specification
Appearance	White powder
Molecular Formula	$\text{Ca}_3\text{O}_8\text{P}_2$
Molecular Weight	310.18 g/mol
Boiling Point	3000 °C
Melting Point	1680 °C
Flash Point	1500 °C
Purity	98–99%
Refractive Index	1.63
Solubility	Insoluble in water; soluble in acids
Uses	Calcium/phosphorus supplement; pharmaceutical excipient; dentifrice; anti-caking agent; filler in tablets