

SPECIFICATION

Levothyroxine Sodium

Parameters	Specification
CAS Number	55-03-8
Appearance	White to off-white powder
Molecular Formula	C ₁₅ H ₁₀ I ₄ NNaO ₄
Molecular Weight	817.85 g/mol
Boiling Point	860 °C
Melting Point	262 °C
Flash Point	280 °C
Purity	98–99%
Refractive Index	1.64
Solubility	Slightly soluble in water; soluble in ethanol and methanol
Uses	Used as a thyroid hormone replacement agent; pharmaceutical grade