

SPECIFICATION

15-Crown-5

Parameters	Specification
CAS Number	33100-27-5
Appearance	Colorless liquid
Molecular Formula	C ₁₀ H ₂₀ O ₅
Molecular Weight	220.26 g/mol
Boiling Point	260 °C
Melting Point	-20 °C
Flash Point	96 °C
Purity	98–99%
Refractive Index	1.447
Solubility	Soluble in methanol, ethanol, acetone, insoluble in water
Uses	Selective complexation of metal ions, host-guest chemistry, ligands for metal-ion sensing