SPECIFICATION

3-Nitrotoluene

Parameters	Specification
CAS Number	99-08-1
Appearance	Colorless to pale yellow crystals
Molecular Formula	C7H7NO2
Molecular Weight	137.14 g/mol
Boiling Point	238 °C
Melting Point	-6 °C
Flash Point	75 °C
Purity	98–99%
Refractive Index	1.53
Solubility	Slightly soluble in water, soluble in organic solvents
Uses	Industrial intermediate in dye and pharmaceutical synthesis, precursor to TNT