SPECIFICATION

Ammonium Purpurate

Parameters	Specification
CAS Number	3051-09-0
Appearance	Yellow to orange powder
Molecular Formula	C8H8N6O6
Molecular Weight	246.14 g/mol
Boiling Point	300 °C
Melting Point	164 °C
Flash Point	128 °C
Purity	98–99%
Refractive Index	1.63
Solubility	Soluble in water and acetone
Uses	Explosive precursor; dye intermediate; analytical reagent