

SPECIFICATION

Anthrone

Parameters	Specification
CAS Number	90-44-8
Appearance	Yellow crystals
Molecular Formula	C ₁₄ H ₁₀ O
Molecular Weight	194.19 g/mol
Boiling Point	365 °C
Melting Point	176 °C
Flash Point	225 °C
Purity	98–99%
Refractive Index	1.62
Solubility	Slightly soluble in water, soluble in acetone, ethanol, methanol, chloroform, benzene
Uses	Colorimetric reagent for anthrone-sulfuric acid assay and precursor in organic synthesis