SPECIFICATION

Thiobarbituric Acid

Parameters	Specification
CAS Number	504-17-6
Appearance	White to off-white crystalline powder
Molecular Formula	C4H4N2O2S
Molecular Weight	128.14 g/mol
Boiling Point	312 °C
Melting Point	155 °C
Flash Point	139 °C
Purity	98–99%
Refractive Index	1.6
Solubility	Soluble in ethanol and acetone; slightly soluble in water
Uses	Reagent for TBARS assay; used in analytical chemistry