SPECIFICATION

Calcium Stearate

Parameters	Specification
CAS Number	1592-23-0
Appearance	White powder
Molecular Formula	$Ca(C_{18}H_{35}O_2)_2$
Molecular Weight	607.03 g/mol
Boiling Point	360 °C
Melting Point	70 °C
Flash Point	230 °C
Purity	98–99%
Refractive Index	1.437
Solubility	Insoluble in water; soluble in ethanol and acetone
Uses	Lubricant, stabilizer, thickener for plastics and rubber; cosmetic and pharmaceutical excipient