



**INDENTA**<sup>TM</sup>  
*chemicals (India) Pvt. Ltd.*



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## Specifications

<b>Product</b>	: Calcium Stearate
<b>Molecular Formula</b>	: $C_{36}H_{70}CaO_4$
<b>Molecular Weight</b>	: 607.04 g/mol.
<b>CAS no.</b>	: 1592-23-0
<b>Product Code</b>	: 1590

Test	Specifications
<b>Appearance</b>	White or almost white powder
<b>Assay of CaO</b>	9.0-10.5%
<b>Identification</b>	To comply IP Test
<b>Stearic acid</b>	Min 40.0%
<b>Sum of stearic acid and palmitic acid</b>	Min 90.0%
<b>Loss on drying at (105 °C)</b>	Max 4.0%
<b>Heavy Metal (as Pb)</b>	Max 0.001%
<b>Physical State at 20 °C</b>	Solid
<b>Colour</b>	Off white powder
<b>Odour</b>	Fatty acid Odour
<b>Auto Ignition Temperature</b>	400°C
<b>Melting point /freezing point (°C)</b>	155°C
<b>Density (g/cm<sup>3</sup>)</b>	1.03
<b>Solubility in water (% weight)</b>	Insoluble in water