

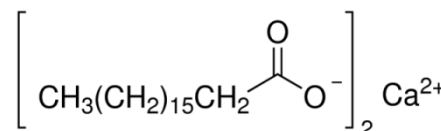


# Product Specification

cdhfinechemical.com

## CALCIUM STEARATE

<b>PRODUCT CODE</b>	<b>043005</b>
<b>SYNONYMS</b>	(Stearic acid calcium salt)
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	(1592-23-0)
<b>ATOMIC OR MOLECULAR FORMULA</b>	$C_{36}H_{70}CaO_4$
<b>ATOMIC OR MOLECULAR WEIGHT</b>	607.04
<b>PROPERTIES</b>	Insoluble in water, slightly soluble in hot alcohol. Decomposed by acids and alkalis.



<b>PARAMETER</b>	<b>LIMIT</b>
Description	White to off-white crystals or powder.
Solubility	Insoluble in water.
Assay (as CaO; Complexometric )	9.0 - 10.5%

<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Loss on drying (at 105°C for 3 hrs.)	3.0%
Free acid (stearic acid)	0.3%
Chloride (Cl)	0.02%
Sulphate (SO <sub>4</sub> )	0.1%
Arsenic (As)	0.0003%
Lead (Pb)	0.001%

**Note(s):1] Assay (if applicable) method mentioned.**

<b>WARNING</b>	IMDG Code :--
<b>Hazard statements:</b> Not hazardous. No hazards.	UN No. :--
<b>Precautionary statements</b>	IATA :--
<b>Prevention:</b> -----	
<b>Response:</b>	

**Disposal:** --

**Hazard Pictogram:**--

Replace Date 29-May-2023