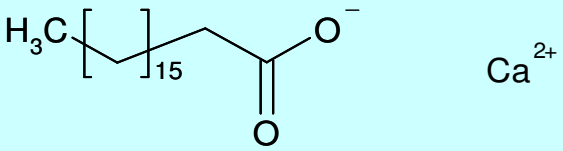
SDFCL

s d fine-chem limited

Quality Control Dept.

Product Specification

E Control	**QC2\DATAD\D:\PS\36041XPS.xls**
PRODUCT CODE	**36041**
PRODUCT NAME	**CALCIUM STEARATE LR**
SYNONYMS	**(Stearic acid calcium salt)**
C.I. NO.	**--**
CASR NO.	**(1592-23-0)**
ATOMIC OR MOLECULAR FORMULA	**$C_{36}H_{70}CaO_4$**
ATOMIC OR MOLECULAR WEIGHT	**607.04**
PROPERTIES	**Insoluble in water, slightly soluble in hot alcohol. Decomposed by acids and alkalies.**



PARAMETER	**LIMIT**
Description	White powder.
Solubility	Insoluble in water.
Identification(FTIR)	Conforms.
Assay (as CaO; Complexometric)	9.0 - 10.5%
Loss on drying (at 105℃ for 3 hrs.)	Max. 3.0%

MAXIMUM LIMIT OF IMPURITIES	
Free acid (stearic acid)	0.3%
Chloride (Cl)	0.02%
Sulphate (SO_4)	0.1%
Arsenic (As)	0.0003%
Lead (Pb)	0.001%

Note(s) : Assay (if applicable) method mentioned.

WARNING
Hazard statements: Not hazardous. No hazards.
Precautionary statements
Prevention: -----
Response: -----

IMDG Code :
UN No. :
IATA :

Disposal: ----

Hazard Pictogram(s) : --

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 01
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010
Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO. : 1554