



SDFCL
s d fine-CHEM limited

Quality Control Dept.



Product Specification

E Control	QC2\DATAD\ID\PS\37604XPS.xls
PRODUCT CODE	37604
PRODUCT NAME	CALCIUM LACTATE EXTRAPURE Meets Analytical Specification of IP, BP, USP, Ph. Eur. (for soil testing)
SYNONYMS	--
C.I. NO.	--
CASR NO.	(5743-45-5)
ATOMIC OR MOLECULAR FORMULA	$C_6H_{10}CaO_6 \cdot 5H_2O$
ATOMIC OR MOLECULAR WEIGHT	308.30
PROPERTIES	---



PARAMETER	LIMIT
Description	White granules or powder.Odourless.
Solubility	3% Solution in water is clear and colourless.
Identification	Passes tests.
Apperance of solution	Passes test.
Assay(Complexometric; on dried material)	98.0 - 102.0%
Loss on drying (at 120 °C)	22 – 27%

MAXIMUM LIMIT OF IMPURITIES

Acidity (as lactic acid)	0.45%
Alkalinity	Passes test.
Chloride (Cl)	0.02%
Sulphate (SO ₄)	0.04%
Arsenic (As)	0.0002%
Barium (Ba)	Passes test.
Iron (Fe)	0.005%
Heavy metals (as Pb)	0.001%
Magnesium & alkali salts	1.0%
Reducing sugars	Passes test.
Organic volatile impurities	Meets the requirement.
Volatile fatty acids	Passes test.

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.: 04
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010
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