

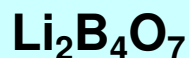


SDFCL
s d fine-CHEM limited
Quality Control Dept.



Q1 Product Specification

E Control	QC2\DATAD\D:\PS\20453XPS.xls
PRODUCT CODE	20453
PRODUCT NAME	DI-LITHIUM TETRABORATE 99% AR
SYNONYMS	(Lithium tetraborate)
C.I. NO.	--
CASR NO.	(12007-60-2)
ATOMIC OR MOLECULAR FORMULA	$\text{Li}_2\text{B}_4\text{O}_7$
ATOMIC OR MOLECULAR WEIGHT	169.12
PROPERTIES	--



PARAMETER	LIMIT
Description	White crystalline powder.
Solubility	Dissolve 5 gm sample with heating in a water, neutralise with Nitric acid and dilute to 100 ml with water gives clear and almost colourless solution.
Minimum Assay (Acidimetry)	99.0%
Bulk density	About 0.4 g/cc
MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	0.005%
Sulphate (SO_4)	0.005%
Phosphate (PO_4)	0.002%
Calcium (Ca)	0.005%
Iron (Fe)	0.001%
Heavy metals (Pb)	0.005%
Magnesium (Mg)	0.001%
Potassium (K)	0.005%
Sodium (Na)	0.005%

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.: 03
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010
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