



SDFCL
S d FINE-CHEM LIMITED
Quality Control Dept.



Qu Product Specification

E Control	QC2\DATAD\ID\PS\20452XPS.xls
PRODUCT CODE	20452
PRODUCT NAME	LITHIUM METABORATE ANHYDROUS 99.5% AR (for X ray fluorescence analysis)
SYNONYMS	--
C.I. NO.	--
CASR NO.	(13453-69-5)
ATOMIC OR MOLECULAR FORMULA	LiBO ₂
ATOMIC OR MOLECULAR WEIGHT	49.75
PROPERTIES	----

LiBO₂

PARAMETER	LIMIT
Description	A white crystalline powder.
Solubility	2% solution in boiling water is colourless.
Minimum Assay (Acidimetric)	99.5%
Loss on ignition at 800°C	Max. 1.0%
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	Passes test.
Chloride (Cl)	0.005%
Phosphate (PO ₄)	0.002%
Sulphate (SO ₄)	0.005%
Calcium (Ca)	0.005%
Copper (Cu)	0.0002%
Cobalt (Co)	0.0002%
Chromium (Cr)	0.0002%
Iron (Fe)	0.005%
Magnesium (Mg)	0.002%
Manganese (Mn)	0.0005%
Nickel (Ni)	0.0005%
Potassium (K)	0.005%
Silica (SiO ₂)	0.05%
Sodium (Na)	0.01%
Strontium (Sr)	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 : Name/Dept. : Officer (Q.A.) Sign. : Date : 01.04.2010	Checked By: Name/Dept.:Incharge(Q.A.) Sign. : Date : 01.04.2010	Approved By: Name/Dept. : Incharge (Tech.) Sign. : Date : 02.04.2010	Issue Date : 01.07.2002 Revision No.: 01 Revision dt. : 02.04.2010 AMEND NO. :1554
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