



SDFCL
s d fine-CHEM limited



Quality Control Dept.

Product Specification

E Control	QC2\DATAD\D:\PS\20067XPS.xls
PRODUCT CODE	20067
PRODUCT NAME	CAESIUM CHLORIDE AR
SYNONYMS	(Cesium chloride)
C.I. NO.	--
CASR NO.	(7647-17-8)
ATOMIC OR MOLECULAR FORMULA	CsCl
ATOMIC OR MOLECULAR WEIGHT	168.36
PROPERTIES	---

CsCl

PARAMETER	LIMIT
Description	White deliquescent crystals.
Solubility	5% solution in water is clear and colourless.
Assay (ex Cl) (Argentometric)	(99.9 - 100.1%
pH of 5% Aq. solution	pH 5.0 - 8.0

The absorbance (optical density) of a 50 % w/w aqueous solution does not exceed 0.1 abs. At 260 nm in a 1 cm cell.

MAXIMUM LIMIT OF IMPURITIES

Water-insoluble matter	0.003%
Nitrogen compounds (N)	0.002%
Sulphate (SO ₄)	0.01%
Aluminium (Al)	0.005%
Barium (Ba)	0.01%
Calcium (Ca)	0.004%
Copper (Cu)	0.0005%
Iron (Fe)	0.0003%
Lead (Pb)	0.0005%
Magnesium (Mg)	0.002%
Rubidium (Rb)	0.2%

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

WARNING

Hazard statements: May be harmful if swallowed.

Precautionary statements

Prevention: -----

Response: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Disposal: -----

IMDG Code : --
UN No. :--
IATA :--

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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