



SDFCL
s d fine-CHEM LIMITED

Quality Control Dept.

Product Specification



E Control	QC2\DATAD\IPS\38294XPS.xls		
PRODUCT CODE	38294		
PRODUCT NAME	ERYTHROMYCIN		
SYNONYMS	--		
C.I. NO.	--		
CASR NO.	(114-07-8)		
ATOMIC OR MOLECULAR FORMULA	C ₃₇ H ₆₇ NO ₁₃		
ATOMIC OR MOLECULAR WEIGHT	733.94		
PROPERTIES	Bitter, slightly hygroscopic. Readily forms salt with acids. Freely soluble in alcohols, acetone, chloroform,		
C₃₇H₆₇NO₁₃			
PARAMETER	LIMIT		
Description	White or slightly yellow crystalline powder. Almost odourless.		
Solubility	Slightly soluble in water, soluble in alcohol, ether.		
Assay (On anhydrous) (Non-aqueous)	95 - 100.5%		
Specific rotation (α) 20°C (C= 2 ethanol on anhydrous substance)	-71° to -78°		
pH (of 0.07% Aq. Soln.)	8 - 10.5		
Thiocyanate	Passes test.		
Related substances	Passes test.		
Sulphated Ash	Max. 0.2%		
Water	Max. 6.5%		
MAXIMUM LIMIT OF IMPURITIES			
Heavy Metals (Pb)	0.002%		
Note(s) : 1] Assay (if applicable) method mentioned. 2] Storage temp. : +0 to +8°C			
DANGER Hazard statements: May cause allergic or asthmatic symptoms or breathing difficulties if inhaled. May cause allergic skin reaction. Precautionary statements Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Contaminated clothing should not be allowed out of the workplace. In case of inadequate ventilation wear respiratory protection. Response: IF INHALED: If breathing is difficult, comfortable for breathing. If skin irritation or rash occurs, seek medical advice/attention. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. IF ON SKIN: Gently wash with plenty of soap and water. Wash contaminated clothing before reuse.			
IMDG Code : UN No. : IATA :			
Disposal : Dispose of contents and container in accordance with relevant legislation.			
Hazard Pictogram(s) : Aspiration hazard Skin irritation			
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

