

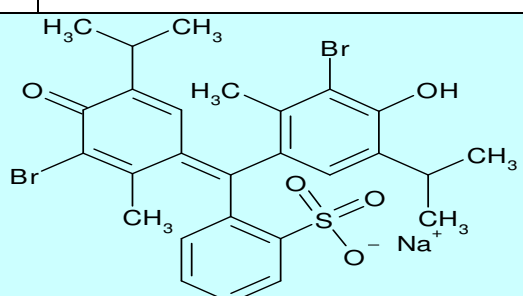


SDFCL
s d fine-CHEM limited

Quality Control Dept.



Product Specification

E Control	QC2\DATAD\IPS\30021XPS.xls		
PRODUCT CODE	30021		
PRODUCT NAME	BROMOTHYMOL BLUE SODIUM SALT, ACS (W.S.) (pH INDICATOR)		
SYNONYMS	--		
C.I. NO.	--		
CASR NO.	(34722-90-2)		
ATOMIC OR MOLECULAR FORMULA	C ₂₇ H ₂₇ Br ₂ NaO ₅ S		
ATOMIC OR MOLECULAR WEIGHT	646.37		
PROPERTIES	---		
			
PARAMETER	LIMIT		
Description	Orange brown to black powder.		
Identification (By FTIR)	Conforms.		
Minimum Assay (By Spectrophotometric)	90.00%		
Visual Transition interval	pH 6.0 - 7.6 Yellow - blue		
Clarity of solution	To pass the test.		
Absorption Maximum at λ1 (pH 6.0) λ2 (pH 7.6)	430 - 435 nm 615 - 618 nm		
Loss on drying (110 °C)	Max. 5.0%		
MAXIMUM LIMIT OF IMPURITIES			
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Note(s) : 1) Assay (if applicable) method mentioned. 2) (Water soluble pH indicator)			
WARNING Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: ----- 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.: 02 Revision dt. : 02.04.2010 AMEND NO. : 1554

