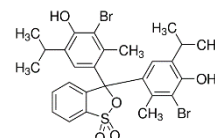


BROMOTHYMOL BLUE FOR MOLECULAR BIOLOGY

PRODUCT CODE	920030
SYNONYMS	--
C.I. NO.	--
CASR NO.	76-59-5
ATOMIC OR MOLECULAR FORMULA	C₂₇H₂₈Br₂O₅S
ATOMIC OR MOLECULAR WEIGHT	624.38
PROPERTIES	Store below 30°C



PARAMETER	LIMIT
Description	Light pink to brown or purple or buff crystals or powder.
Solubility	20 ppm in ethanol yields clear solution.
Visual pH Transition]	pH 5.8 (yellow) to pH 7.6 (blue)
Absorption maxima 1 (20ppm in pH 5.80 buffer solution)	428 - 438 nm
Absorption maxima 2 (20ppm in pH 7.60 buffer solution)	611 - 621 nm
Absorptivity (1%, 1cm) 1 (20ppm in pH 5.80 buffer solution, at 433.0 nm)	260 - 300
Absorptivity (1%, 1cm) 2 (20ppm in pH 7.60 buffer solution, at 616.0 nm)	470 - 520

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 110°C, 1 hr)	3.00%
DNase, RNase	None detected.

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

WARNING	IMDG Code : --
Hazard statements: Not hazardous. No hazards.	UN No. : --
Precautionary statements	IATA : --
Prevention: -----	
Response: -----	
Disposal: -----	
Hazard Pictogram(s) : -----	