



BROMO THYMOL BLUE SODIUM SALT

PRODUCT CODE	R05927
SYNONYMS	--
C.I. NO.	--
CASR NO.	(34722-90-2)
ATOMIC OR MOLECULAR FORMULA	$C_{27}H_{27}Br_2NaO_5S$
ATOMIC OR MOLECULAR WEIGHT	646.37
PROPERTIES	---
PARAMETER	LIMIT
Description	Orange brown to black powder.
Solubility	Soluble in water and ethanol.
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 λ_1 (pH 6.0) λ_2 (pH 7.6)	430 - 435 nm 615 - 618 nm
MAXIMUM LIMIT OF IMPURITY	
Loss on drying (110°C)	5.0%
Note(s) : 1) Assay (if applicable) method mentioned. 2) (Water soluble pH indicator)	
WARNING Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: Response:	IMDG Code : UN No. : IATA :
Disposal:	
Hazard Pictogram(s) :	  GHS05 GHS07

Replace Date 1 April 2023

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