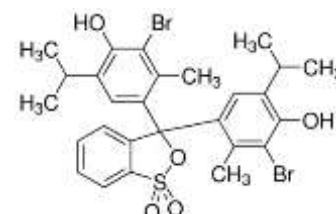


BROMO THYMOL BLUE AR (pH INDICATOR)

PRODUCT CODE	287525
SYNONYMS	--
C.I. NO.	--
CASR NO.	(76-59-5)
ATOMIC OR MOLECULAR FORMULA	C₂₇H₂₈Br₂O₅S
ATOMIC OR MOLECULAR WEIGHT	624.40
PROPERTIES	Soluble in alcohol and alkaline solution, slightly soluble in water.



PARAMETER	LIMIT
pH Transition Range	pH 5.8 - 7.6 Yellow - Blue
Clarity of solution	To pass the test.
Absorption maximum	
λ ₁ (pH 5.8)	428 - 438 nm
λ ₂ (pH 7.6)	611 - 621 nm
Absorptivity (A1% / 1 cm at λ ₁ ; (pH 5.8) on dried substance)	260 - 300
Asorptivity (A1% / 1 cm at λ ₂ ; (pH 7.6) on dried substance)	470-520

MAXIMUM LIMIT OF IMPURITY

Loss on drying (at 110°C)	3.0%
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Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: -----

Disposal: -----

Hazard Pictogram(s) :

MDG Code :

UN No. :

IATA :

Replace Date 03-Apr-2024