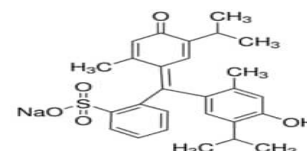


THYMOL BLUE SODIUM SALT pH INDICATOR

PRODUCT CODE	322895
SYNONYMS	--
C.I. NO.	--
CASR NO.	(62625-21-2)
ATOMIC OR MOLECULAR FORMULA	C₂₇H₂₉NaO₅S
ATOMIC OR MOLECULAR WEIGHT	488.58
PROPERTIES	--



PARAMETER	LIMIT
pH Transition Range	pH 1.2 - 2.8 Violet red - Brownish yellow
pH Transition Range	pH 7.8 - 9.5 Greenish yellow - Blue
Clarity of solution	To pass the test.
Absorption maxima	
λ 1 (pH 1.2)	543 - 547 nm
λ 2 (pH 2.8)	431 - 437 nm
λ 3 (pH 7.8)	431 - 437 nm
λ 4 (pH 9.5)	594 - 597 nm
Absorptivity on dried substance) (A1%/1 cm at	
λ 1 (pH 1.2)	480 - 580
λ 2 (pH 2.8)	280 - 330
λ 3 (pH 7.8)	280 - 330
λ 4 (pH 9.5)	530 - 630
Sensitivity	To pass the test.

MAXIMUM LIMIT OF IMPURITY

Loss on drying (at 110°C)	5.0%
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Note(s) : Assay (if applicable) method mentioned

WARNING

Hazard statements : Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: ---

IMDG Code :

UN No. :

IATA :

Disposal:

Hazard Pictogram(s) :-



GHS08

Replace Date 26-May-2023