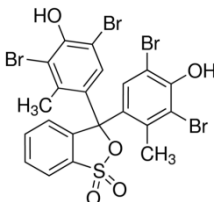


BROMO CRESOL GREEN INDICATOR AR

PRODUCT CODE	286575	
SYNONYMS	3',3'',5',5''- Tetrabromo-m-cresolsulfonphthalein; 4,4' - (3H-2,1-Benzoxathiol-3-ylidene) bis-[(2,6-dibromo-3-methyl) phenol] S,S-Dioxide	
C.I. NO.	--	
CASR NO.	76-60-8	
ATOMIC OR MOLECULAR FORMULA	C₂₁H₁₄Br₄O₅S	
ATOMIC OR MOLECULAR WEIGHT	698.04	
PROPERTIES	---	
PARAMETER	LIMIT	
Visual Transition interval	pH 3.8 to 5.4 Yellow - blue	
Clarity of solution	To pass the test.	
Absorption maximum		
λ1 (pH 3.8)	438 - 445 nm	
λ2 (pH 5.4)	615 - 618 nm	
Absorptivity (A1% / 1 cm at λ1 (pH 3.8) on dried substance)	240 - 270	
Absorptivity (A1% / 1 cm at λ2 (pH 5.4) on dried substance)	530 - 570	
MAXIMUM LIMIT OF IMPURITY		
Loss on drying (at 110°C)	3.0%	
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) :-----		

Replace Date 17-June-2023