

BROMO CRESOL GREEN CERTIFIED GRADE AR (PH 3.8-5.4)

PRODUCT CODE	H07272
SYNONYMS	3',3",5',5"- Tetrabromo-m-cresolsulphonphthalein; 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	C ₂₁ H ₁₄ Br ₄ O ₅ S
ATOMIC OR MOLECULAR WEIGHT	698.01
PROPERTIES	--
	
PARAMETER	LIMIT
Description	Yellow to tan to brown crystals or powder.
Solubility	Soluble in ethanol.
Visual Transition interval	pH 3.8 to 5.4 Yellow - blue
Clarity of solution	To pass the test.
Absorption maximum	
λ 1 (pH 3.8)	438 - 445 nm
λ 2 (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 : -- UN No. : -- IATA : --
Hazard statements: Not hazardous. No hazards.	
Precautionary statements	
Prevention: -----	
Response: -----	
Disposal:-----	
Hazard Pictogram(s) :-----	

Replace Date 03-June-2025