





BROMO CRESOL GREEN INDICATOR AR

PRODUCT CODE	R01104
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	C ₂₁ H ₁₄ Br ₄ O ₅ S
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 - 443 nm
λ2 (pH 5.4)	615 – 618mn
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 Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: ----- Disposal:-----	IMDG Code :- -UN No. :-- IATA :--
Hazard Pictogram(s) :-----	
 	
GHS05 GHS07	

Replace Date 1 April 2023

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