

## BROMO CRESOL PURPLE INDICATOR AR

**PRODUCT CODE** R01106

**SYNONYMS** --

**C.I. NO.** --

**CASR NO.** (115-40-2)

**ATOMIC OR MOLECULAR FORMULA**  $C_{21}H_{16}Br_2O_5S$

**ATOMIC OR MOLECULAR WEIGHT** 540.24

**PROPERTIES** --

**PARAMETER** **LIMIT**

Description Light pink/salmon coloured powder.

Solubility Soluble in alcohol.

pH Transition Range pH 5.2 - 6.8  
Greenish yellow - blue violet

Absorption maximum

$\lambda_1$  (pH 5.2) 427 - 431 nm

$\lambda_2$  (pH 6.8) 588 - 590 nm

Absorptivity

(A1% / 1 cm at  $\lambda_1$ ;  
(pH 5.2) on dried substance) 400 - 450

Absorptivity

(A1% / 1 cm at  $\lambda_2$ ;  
(pH 6.8) on dried substance) 1000 - 1100

### MAXIMUM LIMIT OF IMPURITY

Loss on drying 1.0%

**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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