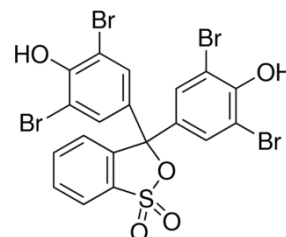


BROMO PHENOL BLUE INDICATOR AR

| | |
|------------------------------------|---|
| PRODUCT CODE | 287015 |
| SYNONYMS | -- |
| C.I. NO. | -- |
| CASR NO. | (115-39-9) |
| ATOMIC OR MOLECULAR FORMULA | C₁₉H₁₀O₅SBr₄ |
| ATOMIC OR MOLECULAR WEIGHT | 669.98 |
| PROPERTIES | Soluble in sodium hydroxide solution, partially soluble in alcohol and benzene, almost in water. |



| PARAMETER | LIMIT |
|---|---|
| pH Transition Range | pH 3.0 - 4.6 Greenish yellow - Blue violet |
| Clarity of solution | To pass the test. |
| Absorption maximum | |
| λ ₁ (pH 3.0) | 434 - 439 nm |
| λ ₂ (pH 4.6) | 590 - 593 nm |
| Absorptivity (A1% / 1 cm at λ ₁ ; (pH 3.0) on dried substance) | 350 - 385 |
| Absorptivity (A1% / 1 cm at λ ₂ ; (pH 4.6) on dried substance) | 940 - 1000 |

MAXIMUM LIMIT OF IMPURITY

| | |
|---------------------------|------|
| Loss on drying (at 110°C) | 1.0% |
|---------------------------|------|

Note(s): Assay (if applicable) method mentioned.

WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response:

Disposal: -----

Hazard Pictogram(s) :

IMDG Code :

UN No. :

IATA :

Replace date 17-June-2023