

BROMO PHENOL BLUE INDICATOR AR

PRODUCT CODE R01108

SYNONYMS --

C.I. NO. --

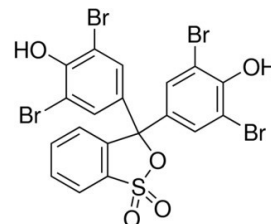
CASR NO. (115-39-9)

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 1 April 2023