



Product Specification

Product Name: BROMOPHENOL BLUE Free Acid LR

Alternate Name(s) 3',3'',5',5''-Tetrabromophenol sulfonphthalein

Description

Tan to orange/brown-pink powder.

Properties

Chemical Formula: $C_{19}H_{10}Br_4O_5S$

Molecular Weight: 669.99

Product Code: BL036

CAS No. 115-39-9

General Information:

Springly soluble in water. Soluble in ethanol, methanol, acetic acid and benzene.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH1F

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Quality Specification

Assay: 96.0% min.

Specific Properties and Impurities [Typical levels]:

Loss on drying at 110°C (1 hour)	≤ 1.0%
Clarity of solution	Passes test.
Visual transition interval	From pH 3.0 - yellow To pH 4.6 - blue
Absorptivity 1%/1cm	
(pH 3.0) at Lambda max 438nm	350 - 385
(pH 4.6) at Lambda max 591.5nm	940 - 1000

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