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Certificate of Analysis

Catalogue Number 01583
Lot Number 000331-32454
Product **Bromocresol purple**

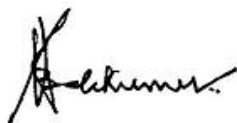
5',5''-Dibromo-2-cresolsulfonephthalein

CAS Number 115-40-2
Molecular Formula C₂₁H₁₆Br₂O₅S

Molecular Weight 540.24

Appearance Peach to yellow-tan powder
Clarity & Color Passes test
Solubility Practically insoluble in water.
Clear golden yellow solution (0.1 g in 100 mL in EtOH)
Melting Point 241.5 °C
Visual Transition Range From pH 5.2 (Yellow) to pH 6.8 (Purple)
Loss on Drying 0.88% @ 110°C/1hr
Dye content 98.77% (Titration with AgNO₃ after Oxygen combustion)
Grade ACS reagent
Application It is pH indicator.
Storage Store at RT
Remarks See material safety data sheet for additional information
For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager