

Bromocresol purple, indicator

Identification

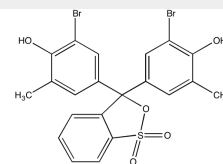
C₂₁H₁₆Br₂O₅S

M = 540,24 g/mol

CAS [115-40-2]

EC number: 204-087-8

Taric code: 2934 99 90



Synonyms

5',5''-Dibromo-o-cresolsulfonphthalein

Applications

analytical chemistry, indicator.

Specifications

pH range (greenish-yellow to blue-violet) 5,2 - 6,8

Absorption maximum I1 (pH 5,2)..... 427 - 431 nm

Absorption maximum I2 (pH 6,8)..... 588 - 590 nm

Absorptivity (A1%/1 cm; I1, pH 5,2; on dried sample)

400 - 450

Absorptivity (A1%/1 cm; I2, pH 6,8; on dried sample)

1000 - 1100

loss on drying (110 °C)..... max. 1 %

Physical data

• Appearance: powder, slightly pink

Transport/storage

• 5°C - 30°C