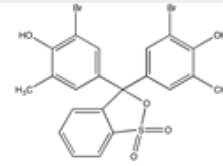


**Bromocresol purple, indicator****Identification**

$C_{21}H_{16}Br_2O_5S$   
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	Absorptivity (A1%/1 cm; $\lambda$ 1, pH 5,2; on dried sample)	400 - 450
Absorption maximum $\lambda$ 1 (pH 5,2)	427 - 431 nm	Absorptivity (A1%/1 cm; $\lambda$ 2, pH 6,8; on dried sample)	1000 - 1100
Absorption maximum $\lambda$ 2 (pH 6,8)	588 - 590 nm	loss on drying (110 °C)	max. 1 %

**Physical data**

• Appearance: powder, slightly pink

**Transport/storage**

• 5°C - 30°C