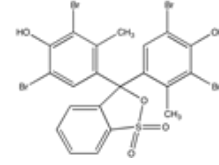


Bromocresol green, indicator**Identification**

$C_{21}H_{14}Br_4O_5S$
M = 698,04 g/mol
CAS [76-60-8]
EC number: 200-972-8
Taric code: 2934 99 90

**Synonyms**

3,3',5,5'-Tetrabromo-m-cresolsulfonphthalein, BCG

Applications

analytical chemistry, indicator.

Specifications

pH range (yellow to blue).....	3,8 - 5,4	Absorptivity (A1%/1 cm; λ 1, pH 3,5; on dried sample)	265 - 275
Absorption maximum λ 1 (pH 3,5).....	444 - 445 nm	Absorptivity (A1%/1 cm; λ 2, pH 5,4; on dried sample)	530 - 570
Absorption maximum λ 2 (pH 5,4).....	615 - 618 nm	loss on drying (110 °C).....	max. 5 %

Physical data

• Appearance: powder, cream

Transport/storage

• 10°C - 30°C