

# Specification



## Bromocresol green

**A1051**

<b>Synonym</b>	3',3'',5',5''-Tetrabromo-m-cresolsulfonephthalein
<b>Formula</b>	C <sub>21</sub> H <sub>14</sub> Br <sub>4</sub> O <sub>5</sub> S
<b>M</b>	698.04 g/mol
<b>CAS-No.:</b>	76-60-8
<b>HS-No.:</b>	29349990
<b>EC-No.:</b>	200-972-8
<b>Storage:</b>	RT
<b>LGK:</b>	10 - 13
<b>Disposal:</b>	3
<b>Specification</b>	
<b>Assay (photometr.)</b>	min. 95 %
<b>λ<sub>max, 1</sub> (pH 3.8)</b>	438 - 443 nm
<b>λ<sub>max, 2</sub> (pH 5.4)</b>	615 - 618 nm
<b>E 1 %/1 cm, λ<sub>1</sub></b>	240 - 270
<b>E 1 %/1 cm, λ<sub>2</sub></b>	530 - 570
<b>Loss on drying</b>	max. 3 %