



UNISOURCE INDIA

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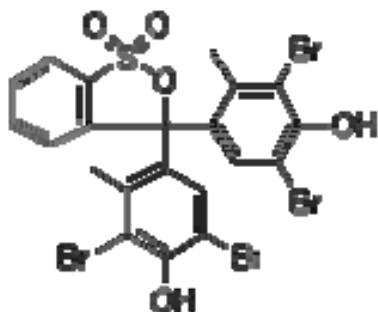
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SPECIFICATION

PRODUCT NAME	:	BROMOCRESOL GREEN
Synonyms	:	3',3'',5',5''-Tetrabromo-<i>m</i>-cresolsulfonephthalein
CAS NO.	:	76-60-8
Molecular Formula	:	C ₂₁ H ₁₄ Br ₄ O ₅ S
Formula Weight	:	698.04
Appearance	:	Beige to yellow to brown powder

Structure



TESTS

Transition pH range

Solubility 0.1% (EtOH)

Absorptivity 1%/1cm,
(pH 3.8) at λ_{max} 443.0 nm
(pH 5.4) at λ_{max} 616.0 nm

Loss On Drying (110°C) 1 hr.

LIMITS

3.8-5.4
Yellowish Green- Blue

Clear Golden Yellow Solution

240-270
530-570

< 3%

REVISED: 1-1-2012