

Technical data sheet



Product name: **Bromothymol Blue**

Grade: **ACS**

Chemical formula: $C_{27}H_{28}Br_2O_5S$

Molar mass: 624.40 g/mol

Synonyms: 3',3''-Dibromothymolsulfonphthalein, BTB

General information	
Cas- No.	76-59-5
Ec-No.	200-971-2
Appearance	white to cream-colored solid
Melting point	201 °C
Bulk density	450 kg/m ³
pH value	N/A
Spec.density	N/A
Vapour pressure	N/A
Solub. In H ₂ O	Insoluble (20°C)
Storage temp	≤+30 °C
R:	N/A
S:	4-24-28-35- 36/37/39

Specification	
Identity (UV/VIS)	conforms
Clarity of solution (1 g/l; ethanol)	conforms
Transition range	pH 5.8 - pH 7.6 yellow - blue
Visual transition interval	pH 3.0 - pH 4.6 greenish yellow - blue violet
Loss on drying (110°C)	☐ 3 %
Sensitivity test	conforms

Symbol:



packaging:

Available Pack	10 gr	25 gr	50 gr	100 gr	250 gr
P.E	-	-	-	-	-
GLASS	*	*	-	-	-



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