

Technical data sheet



Product name: **Thymol blue**

Grade: **ACS**

Chemical formula: $C_{27}H_{30}O_5S$

Molar mass: 466.60 g/mol

Synonyms: Thymolsulfonphthalein; TB

General information	
Cas- No.	76-61-9
Ec-No.	200-973-3
Appearance	green solid
Melting point	221 °C (decomposition)
Bulk density	350 kg/m ³
pH value	N/A
Spec.density	0.979 g/cm ³ (20°C)
Vapour pressure	N/A
Solub. In H ₂ O	0.11 g/l (20°C)
Storage temp	+15°C to +25°C
R:	N/A
S:	N/A

Specification	
Identity (UV/VIS)	conforms
Clarity of solution (1 g/l; ethanol)	conforms
1st transition range	pH 1.2 - pH 2.8 violet red - brownish yellow
2nd transition range	pH 7.8 - pH 9.5 greenish yellow - blue
Loss on drying (110°C)	≤ 5 %
Sensitivity test	conforms

Symbol:



packaging:

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



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