



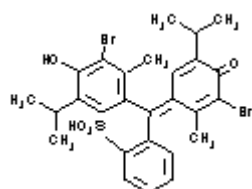
PRODUCT CODE: 131167

Bromothymol Blue for analysis, ACS

pH indicator 6,0 yellow; 7,6 blue

$C_{27}H_{28}Br_2O_5S$

$C_{27}H_{28}Br_2O_5S$



M.= 624,40

CAS [76-59-5]

EINECS 200-971-2

TARIC 2934 99 90 90

SYNONYMS: 3',3''-Dibromothymolsulphonephthalein, BTB

PHYSICAL DATA: crystalline powder, Creamy white, Soluble in water 1 g/l at 20 °C Soluble in alcohol 20 g/l M.P.: 200 - 202 °C • pKa7 •

BIBLIOGRAPHY: Merck Index **12**, 1.469 13, 1.430 Conn's **IX** 324 • Beilstein **19**, **3 V**, **461** • BRN 373934 • ACS **XI** •

HAZARDOUS: RTECS: SJ 7450000 •

SPECIFICATIONS:

Identity :

Identity

Range of Transition interval according to ACS

T.L.C.

IR passes test

passes test

passes test

Maximum limit of impurities

pH transition interval:	
yellow	6,0
blue	7,6
Insoluble matter in C ₂ H ₅ OH	passes test
Loss on drying at 110°C	5%
Residue on ignition (as SO ₄)	0,5 %
Cu	0,005 %
Fe	0,005 %
Ni	0,005 %
Pb	0,005 %

Ed.: 3 . Vig.: 15.01.2011 .

Prod.: 131167