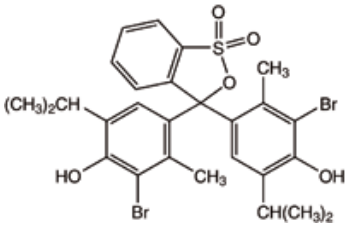
ThermoFisher SCIENTIFIC

Product Specification

A17746 Bromothymol Blue

Product Number:	A17746
CAS number:	76-59-5
MDL number:	MFCD00005872
Molecular formula:	$C_{27}H_{28}Br_2O_5S$
Molecular weight:	624.39



Product Specification

Appearance (Color):	Pink or brown
Form:	Powder
Color Change:	Yellow @ pH 5.8 to blue @ pH 7.6
Loss on Drying:	<3.0% (105°C/const. wt.)
lambda-max (UV-Vis):	430 ± 5nm @ pH 5.8
lambda-max (UV-Vis):	615 ± 5nm @ pH 7.6
Solution Test:	(1 mg/L in ethanol): Clear yellow solution
Specific Absorbance (E 1%/1cm):	Lambda-max @ pH 5.8: ≥260
Specific Absorbance (E 1%/1cm):	Lambda-max @ pH 7.6: ≥470

Date of Print:	January 19, 2021
Version:	3

Product Specifications are subject to amendment and may change over time.