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Specification Sheet

Product Name: **Thymolblue**
Specifications & Purity: **ACS reagent**
SKU #: **T100160**

Parameter	Limit Values
Extinction Coefficient 2(c = 0.01g/l,0.1N NaOH Pass)	≥8000
Extinction Coefficient 3(c = 0.01g/l,0.1N NaOH Pass)	≥12000
Wavelength 2	378-382 (nm)
Extinction Coefficient 1(c = 0.01g/l,0.1N NaOH Pass)	≥30000
Wavelength 1	595-599 (nm)
Wavelength 3	298-302 (nm)
Appearance (T100160)	Powder
Infrared spectrum	Conforms to Structure
PH Transition interval,pH 1.2(Pink)	Conforms
PH Transition interval,pH 2.2(Orange)	Conforms
PH Transition interval,pH 2.8(Yellow)	Conforms
PH Transition interval,pH 8.0(Yellow)	Conforms
PH Transition interval,pH 8.4(Green)	Conforms
PH Transition interval,pH 9.2(Blue)	Conforms
Solubility in EtOH(50vol%)	almost transparency
Solubility in NaOH solution	almost transparency

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