

**Product name: THYMOLPHTHALEIN**

Article No.	554603
Grade	ACS
Purity	-
CAS No.	125-20-2
Molecular Formula	C <sub>28</sub> H <sub>30</sub> O <sub>4</sub>
Molecular Weight	430.55
H.S. Code	2932.2090
Shelf Life	60 Months

- **Physical properties**

<b>Physical State at 20°C</b>	Solid
<b>Color</b>	White powder
<b>Melting Point/ Freezing Point [°C]</b>	251 - 253 °C
<b>Solubility in Water [% weight]</b>	Insoluble in water

- **Specifications**

<b>Appearance</b>	White to almost white powder, eventually slightly yellowish.
<b>Solubility</b>	Insoluble in water
<b>Absorption maximum <math>\lambda</math> max (buffer pH 10.5)</b>	592-596 nm
<b>Absorptivity A 1%/1cm (<math>\lambda</math>max: 0.01 g/l; buffer pH 10.5; calculated on anhydrous substance)</b>	800-900
<b>Transition range</b>	pH 9.0-pH 10.5 colorless-blue
<b>Packings</b>	10 gm -25 gm