

**Product Name****Methylene blue****Grade:** Indicator reagent**Synonyms**

Urelene blue, Provayblue

**CAS Number**

61-73-4

**General Information**

<b>Chemical formula:</b>	$C_{16}H_{18}ClN_3S \cdot x H_2O$	<b>Molar Mass:</b>	319.86 g/mol (anhydrous)
<b>Appearance:</b>	Blue powder	<b>Density:</b>	~ 400 - 600 Kg/m <sup>3</sup>
<b>Solub. in water:</b>	50 g/l (20 °C )	<b>Melting point:</b>	~ 180 °C (decomposition)
<b>Boiling point:</b>	N/A	<b>Application:</b>	Dye
<b>Storage temp.:</b>	Below +30 °C	<b>Cautions:</b>	Harmful
<b>R:</b>	22	<b>S:</b>	N/A
<b>HS-No.:</b>	3204 13 00	<b>EC-Index-No.:</b>	200-515-2

**Hazard Symbol****Specification**

Solubility	Conforms	
Appearance & Description	Conforms	
Absorption maximum lambda max (at ethanol 50 %)	660.0 - 665.0	nm
Melting Point	~ 180.0	°C
Transition Range	Conforms	
Sulfated ash	≤ 1.0	mg
pH value (10 g/l )	~ 3.0	
Loss on drying ( 105 °C , 18 h)		

**Ordering Information**

<b>Volume:</b>	<b>10 gr</b>	<b>25 gr</b>	<b>50 gr</b>	–	–
<b>Plastic</b>	608.09.00010.01	608.09.00025.01	608.09.00050.01	–	–
<b>Glass</b>	–	–	–	–	–