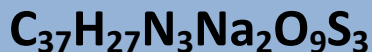




## Product Specification

### METHYL BLUE FOR MICROSCOPY

<b>PRODUCT CODE</b>	<b>034047</b>
<b>SYNONYMS</b>	(Poirriers blue), (Acid blue 93), (Water blue)
<b>C.I. NO.</b>	<b>42780</b>
<b>CASR NO.</b>	<b>(28983-56-4)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>37</sub>H<sub>27</sub>N<sub>3</sub>Na<sub>2</sub>O<sub>9</sub>S<sub>3</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>799.80</b>
<b>PROPERTIES</b>	Soluble in water.



<b>PARAMETER</b>	<b>LIMIT</b>
Dye Content (Titanometry; on dried substance)	> 60.0%
Absorption maximum (in 0.005M HCl)	595 - 605 nm
Absorption Ratio (A λ max - 15 nm) (A λ max + 15 nm)	1.0 - 1.03
Absorptivity (A1%/1 cm at λ max. 0.005M HCl)	675 - 1125
Suitability for microscopy	To pass the test.

#### MAXIMUM LIMIT OF IMPURITY

Loss on drying (at 110°C)	7.0%
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**Note(s) : Assay (if applicable) method mentioned.**

#### WARNING

**Hazard statements :** Not hazardous. No hazards.

**Precautionary statements**

**Prevention:** -----

**Response:** ---

**Disposal:** -----

Hazard Pictogram(s) :

IMDG Code :

UN No. :

IATA :