

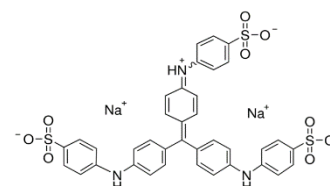


# Product Specification

cdhfinechemical.com

## ANILINE BLUE (WATER SOLUBLE) FOR MICROSCOPY

<b>PRODUCT CODE</b>	<b>034003</b>
<b>SYNONYMS</b>	<b>(Acid blue 93), (Poirriers blue), (Water blue)</b>
<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>	---
<b>PARAMETER</b>	<b>LIMIT</b>
Dye content (Titanometry)	> 60.0%
Absorption maximum (in 0.005M HCl)	595 - 605 nm
Absorption Ratio [(A λ <sub>max</sub> - 15 nm) / (A λ <sub>max</sub> + 15 nm)]	0.96 - 1.09
Absoptivity (A1%/1 cm at λ max. 0.005M HCl)	675 - 1125
Suitability for microscopy	To pass the test.
<b>MAXIMUM LIMIT OF IMPURITY</b>	
Loss on drying (at 110°C)	5%
<b>Note(s): Assay (if applicable) method mentioned.</b>	
<b>WARNING</b> <b>Hazard statements:</b> NoHazardous. No Hazards <b>Precautionary statement :</b> <b>Prevention:</b> ----- <b>Response:</b>	IMDG Code : UN No. : IATA :
<b>Disposal:</b> Dissolve the chemical to be disposed , in water and allow it to run to waste, diluting with large quantities of water. The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber	
Hazard Pictogram(s) :-	



Replace Date 10-Nov.-2018