

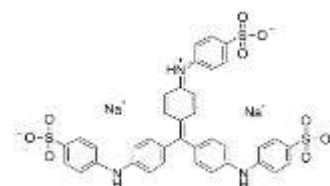


# Product Specification

cdhfinechemical.com

## ANILINE BLUE (WATER SOLUBLE) FOR MICROSCOPY

PRODUCT CODE	282535
SYNONYMS	(Acid blue 93), (Poirriers blue), (Water blue)
C.I. NO.	42780
CASR NO.	(28983-56-4)
ATOMIC OR MOLECULAR FORMULA	C <sub>37</sub> H <sub>27</sub> N <sub>3</sub> Na <sub>2</sub> O <sub>9</sub> S <sub>3</sub>
ATOMIC OR MOLECULAR WEIGHT	799.80
PROPERTIES	---
<b>PARAMETER</b>	<b>LIMIT</b>
Description	Red to dark blue/dark blue to dark brown crystals or powder
Solubility	Soluble in water
Dye content (Titanometry)	> 60.0%
Absorption maximum (in 0.005M HCl)	594 - 610 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 ot run to waste, diluting with large quantities of water. The chemical should be mixed with combustible solvnet and burnt in a chemical incinerator equipped with burner and scrubber	
Hazard Pictogram(s) :--	



Replace Date 06-Dec-2025