

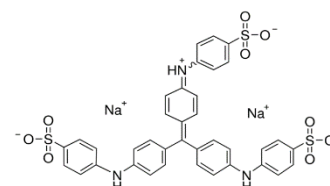


Product Specification

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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	C₃₇H₂₇N₃Na₂O₉S₃
ATOMIC OR MOLECULAR WEIGHT	799.80
PROPERTIES	---
PARAMETER	LIMIT
Dye content (Titanometry)	> 60.0%
Absorption maximum (in 0.005M HCl)	595 - 605 nm
Absorption Ratio [(A λ _{max} - 15 nm) / (A λ _{max} + 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.
MAXIMUM LIMIT OF IMPURITY	
Loss on drying (at 110°C)	5%
Note(s): Assay (if applicable) method mentioned.	
WARNING Hazard statements: NoHazardous. No Hazards Precautionary statement : Prevention: ----- Response:	IMDG Code : UN No. : IATA :
Disposal: 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 30-May-2023