



ANILINE BLUE (WATER SOLUBLE) FOR MICROSCOPY

PRODUCT CODE	R04028	
SYNONYMS	(Acid blue 93), (Poirriers blue), (Water blue)	
C.I. NO.	42780	
CASR NO.	(28983-56-4)	
ATOMIC OR MOLECULAR FORMULA	$C_{37}H_{27}N_3Na_2O_9S_3$	
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: No Hazardous. No Hazards Precautionary statement : Prevention: ----- Response:		IMDG Code : UN No. : IATA :
Disposal: 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 1 April 2023

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