

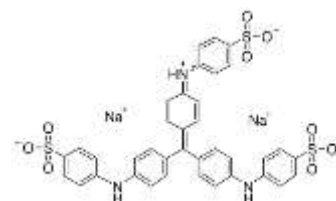


Product Specification

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METHYL BLUE FOR MICROSCOPY

PRODUCT CODE	305655
SYNONYMS	(Poirriers blue), (Acid blue 93), (Water blue)
C.I. NO.	42780
CASR NO.	(28983-56-4)
ATOMIC OR MOLECULAR FORMULA	C₃₇H₂₇N₃Na₂O₉S₃
ATOMIC OR MOLECULAR WEIGHT	799.80
PROPERTIES	Soluble in water.



PARAMETER	LIMIT
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 :

Replace date 30-May-2023