



Product Specification

METHYLENE BLUE FOR MICROSCOPY AR

PRODUCT CODE	585205
SYNONYMS	[3,7-Bis(dimethylamino) phenazathionium chloride]
C.I. NO.	52015
CASR NO.	(61-73-4)
ATOMIC OR MOLECULAR FORMULA	C₁₆H₁₈ClN₃S.XH₂O (X=2-3)
ATOMIC OR MOLECULAR WEIGHT	319.86 + Aq.
PROPERTIES	Soluble in chloroform. Insoluble in ether.



PARAMETER	LIMIT
Description	A dark red/green coloured powder.
Solubility	Soluble in water.
Dye Content (Titanometry; on dried substance)	> 97.0%
Absorption maximum (in water)	663 - 667 nm
Absorption Ratio (A λ max - 15 nm) / (A λ max + 15 nm)	1.21 - 1.70
Absorptivity (A1% / 1cm at λ max, in water)	2200 - 2750
Suitability for microscopy	Passes test.

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 110°C)	15%
Iron (Fe)	0.01%

Note(s) : Assay (if applicable) method mentioned.
2] Free from Zinc

WARNING

Hazard statements: Harmful if swallowed

Precautionary statements

Prevention : Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

Response : Specific treatment: refer to Label or MSDS.

Disposal: Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :-



Skin irritation

IMDG Code :
UN No. :
IATA :