

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	00210
Product	Methylene Blue Trihydrate
Lot Number	000140-167-22-02 3,7-Bis(Dimethylamino)phenazathionium chloride Basic blue 9
CAS Number	7220-79-3
Molecular Formula	C ₁₆ H ₁₈ N ₃ ClS•3H ₂ O
Molecular Weight	373.9

Appearance	Dark green crystalline powder
Solubility	Clear blue solution
Heavy Metals	< 8 ppm
Cation	Copper (Cu) : < 200 ppm Zinc (Zn) : < 100 ppm Arsenic (As) : < 8 ppm
UV Ratios	Absorptivity 1%/1cm at max. 663 nm : 2265
Loss on Drying	15.2% (at 110 °C)
Residual Solvents	Nil
Residue On Ignition	0.5%
Assay	99% (On dry basis)
Assay (as is)	84.5%
Grade	Meets USP29 Specification
Storage	Store at RT
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager