

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	22927
Product	New Methylene Blue N
Lot Number	002126-01-21-22
	Basic Blue 24
CAS Number	6586-05-6
Molecular Formula	$2C_{18}H_{22}N_3S \cdot 2Cl \cdot ZnCl_2$
Molecular Weight	832.12

Appearance	Bronzy crystalline powder
Infrared Spectrum	Conforms to structure
UV Ratios	Spectrophotometric Assay Conc. 5 mgs/Ltrs. In water At 632 nm = 0.585 At 594 nm = 0.491 At 287 nm = 0.395 At 247 nm = 0.213
Extinction Co-Efficient	E (632 nm) : 48679 E (594 nm) : 40856 E (287 nm) : 32867 E (247 nm) : 17723
Loss on Drying	2.3%
Dye content	103%
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