

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	01626
Lot Number	000331-22763
Product	Rhodamine B Rhodamine B chloride Basic violet 10
CAS Number	81-88-9
Molecular Formula	C ₂₈ H ₃₁ ClN ₂ O ₃
Molecular Weight	479.02
Synonym 3	C.I. 45170
Appearance	Greenish powder
Solubility	Soluble in water, ethanol and Methyl Cellosolve and slightly soluble in acetone.
pH	2.72 (1g + 99mL H ₂ O)
UV Ratios	λ max: 544 nm (2 mg/L water and 1 mL acetic acid): 0.440 Abs
Insoluble	0.242% (in H ₂ O)
Loss on Drying	1.310% (60 °C, 2h)
Dye content	~ 80
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