

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	22918
Lot Number	000331-33368
Product	Nile Blue A certified

Basic Blue

CI 51180

CAS Number	3625-57-8
Molecular Formula	C ₄₀ H ₄₀ N ₆ O ₆ S
Molecular Weight	732.86

Appearance	Green to greenish-black powder
Solubility	Soluble in water (20 mg/mL) Soluble in EGME (8 mg/mL) Soluble in Ethanol (3 mg/mL)
Melting Point	> 300 °C (dec.)
Dye content	98%
Storage	Store at RT
Additional Information	λ_{\max} : Peak 637 nm (in 50 % ethanol), Ratio 1.04 at 622/652, Density at peak 0.375
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