



UNISOURCE CHEMICALS PRIVATE LIMITED

Factory : L-15 MIDC TARAPUR, BOISAR - 401506 DIST. Palghar,INDIA.
Tel.: ++91-22-22019990 ; 2205 2250; E-mail: unisourceindia@gmail.com; Web: www.ucplchem.com
AN ISO 9001:2015 & GMP CERTIFIED COMPANY

Product Information

TECHNICAL DATA SHEET / Specification Sheet

Aniline blue water soluble (Methyl blue)

Synonym	: Acid blue 93, Cotton blue
Molecular Formula	: $C_{37}H_{27}N_3Na_2O_9S_3$
Molecular Weight	: 799.80
CAS No.	: 28983-56-4
Colour Index No.	: 42780
Shelf Life	: 5 years

Technical Specification

Appearance	: Dark blue to red to dark brown crystals or powder
Solubility	: 20 ppm in 0.005N hydrochloric acid yields clear solution
Visual pH Transition	: pH 10.0 (blue) - pH 13.00 (orange)
Absorption maxima	: 602 - 612 nm (20 ppm in 0.005N hydrochloric acid)