



UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

Product Information

TECHNICAL DATA SHEET / Specification Sheet

Azure B

Synonym	: N,N,N'-Trimethylthionin; Azure I; Methyleneazure
Molecular Formula	: $C_{15}H_{16}N_3ClS$
Molecular Weight	: 305.83
CAS No.	: 531-55-5
Colour Index No.	: 52010
Shelf Life	: 5 years

Technical Specification

Appearance	: Green to brown to black powder
Solubility	: 20 ppm in water yields clear solution
FTIR (KBr disc)	: Matches with the standard pattern.
Absorption maxima	: 640 - 655 nm (20 ppm in water)
Loss on drying (at 110°C, 2hr)	: $\leq 5.0\%$