



UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

Product Information

TECHNICAL DATA SHEET / Specification Sheet

Indigo carmine

Synonym	: Indigo-5,5'-disulfonic acid disodium salt
Molecular Formula	: $C_{16}H_8N_2Na_2O_8S_2$
Molecular Weight	: 466.35
CAS No.	: 860-22-0
Colour Index No.	: 73015
Shelf Life	: 5 years

Technical Specification

Appearance	: Blue to dark purple to blue-purple crystals or powder having a metallic luster of copper
Solubility	: 10 ppm in water yields clear solution
FTIR (KBr disc)	: Matches with the standard pattern
Absorption maxima	: 605 - 615 nm (10 ppm in water)
Loss on drying (at 110°C, 2hr)	: $\leq 10.0\%$
Dye content	: min. 80.00 %