



## 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**

#### **Sudan IV**

Synonym	: Oil Red IV; Scarlet Red Scharlach; Solvent Red 24; Sudan red BB
Molecular Formula	: C <sub>24</sub> H <sub>20</sub> N <sub>4</sub> O
Molecular Weight	: 380.44
CAS No.	: 85-83-6
Colour Index No.	: 26105
Shelf Life	: 5 years

#### **Technical Specification**

Appearance	: Dark red to brown crystals or powder
Solubility	: 20 ppm in ethanol yields clear solution
FTIR (KBr disc)	: Matches with the standard pattern
Absorption maxima 1 (20 ppm in ethanol)	: 515 - 525 nm
Absorption maxima 2 (20 ppm in ethanol)	: 350 - 362 nm
Suitability for microscopy	: Passes test
Dye content	: ~80.00%