

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 ₂₄ H ₂₀ N ₄ 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%