



UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

Product Information

TECHNICAL DATA SHEET / Specification Sheet

Safranin O

CAS No.	: 477-73-6
C.I. No.	:50240
Molecular Formula	:C ₂₀ H ₁₉ N ₄ C ₁
Molecular Weight	:350.84
Shelf life	:5 years

Technical Specification

Appearance	: Dark green to dark brown crystals or powder
Solubility	: 20 ppm in 50% ethanol yields clear orange red solution with fluorescence
Absorption maxima	:525 - 535 nm (20 ppm in 50% ethanol)
Loss on drying (at 105°C, 2 hr)	: <= 15.00%