



UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

Product Information

TECHNICAL DATA SHEET / Specification Sheet

Purpurin

Synonym	: Hydroxylizaric acid , 1,2,4-Trihydroxyanthraquinone
Molecular Formula	: C ₁₄ H ₈ O ₅
Molecular Weight	: 256.21
CAS No.	: 81-54-9
Shelf Life	: 5 years

Technical Specification

Appearance	: Dark Red to Orange-Brown or Brown Powder
Infrared spectrum	: Conforms to Structure
Wavelength	: 254 - 260 nm
Extinction Coefficient	: ≥ 17000
Wavelength	: 511 - 517 nm
Extinction Coefficient	: ≥ 7000
	c = 0.01g/l, Methanol
Carbon	: 58.4 - 72.8 %
Purity (HPLC)	: % Typically 70% - 85%
Solubility (Turbidity)	: Clear to Turbid c = 1mg/ml, NH ₄ OH
Solubility (Color)	: Red to Very Dark Red to Purple