

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	: t 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