

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	22772
Product	1,2,4-Trihydroxy-9,10-anthracenedione
Lot Number	000331-31864
	Purpurin
	CI 58205
CAS Number	81-54-9
Molecular Formula	C ₁₄ H ₈ O ₅
Molecular Weight	256.21

Appearance	Orange red powder
Solubility	Dark red solution (1 mg/mL in NH ₄ OH)
Melting Point	253 °C
pH	4.5
UV Ratios	E (484 nm) in methanol
Extinction Co-Efficient	e (256 nm) = 28520 e (517 nm) = 7670 e (484 nm) = 8840
Loss on Drying	0.6%
Related Substances	Alizarin content : 0.6%
Purity by HPLC	95.1%
Storage	Store at RT
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager