

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	00280
Lot Number	0784AY
Product	Safranine O Certified
	3,7-Diamino-2,8-dimethyl-5-phenylphenazinium chloride
	Basic red 2
CAS Number	477-73-6
Molecular Formula	C ₂₀ H ₁₉ N ₄ Cl
Molecular Weight	350.85

Appearance	Green powder
Solubility	Clear, red solution (1 mg/mL)
Elemental Analysis (Found)	C: 64.50%; H: 5.37%; N: 14.90%
pH	6.48 (1% aqueous solution)
Infrared Spectrum	Conforms to structure
Extinction Co-Efficient	532 nm = 49605; 275 nm = 41020
Dye content	96%
Purity by TLC	1 major, 1 larger, 1 small
Grade	Certified
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