

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 22821
Lot Number 002126-72-15-16
Product **Indigo Carmine certified**

Acid Blue 74

CI 73015

CAS Number 860-22-0
Molecular Formula $C_{16}H_8N_2O_8S_2 \cdot 2Na$
Molecular Weight 466.36

Appearance Dark blue to purple powder
Heavy Metals < 40 mg/Kg
Cation Arsenic (As): < 1ppm
Lead (Pb): < 10 ppm
UV Ratios λ max: \geq 608 nm (water)
Visual Transition Range pH 11.5 (Blue) to pH 14.0 (Yellow)
Loss on Drying 3.00%
Insoluble material 0.11%
Dye content 95.30% (dried basis)
Storage Store at RT
Additional Information Subsidiary dyes excluding disodium 3,3-dioxo 2,2-bi-indolylidine-5,7 disulfonate: 0.041%
Dye Intermediates: < 0.50%
Combined eather extracts: 0.11%

Certificate of Analysis

Catalog Number: 22821

Lot Number: 002126-72-15-16

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