



Specifications

Indigo Carmine Certified

Catalog Number: IC1002
C.I. Number: 73015
CAS Number: 860-22-0
Synonyms: Acid Blue 74;
Molecular Formula: $C_{16}H_8N_2O_8S_2Na_2$
Molecular Weight: 466.35
Storage: 15°C – 30°C

Test	Specification
Description:	Dark blue to purple powder
Dye content (dried basis):	80.0% minimum
Loss on drying:	5.0% maximum
Visual Transition Interval:	From pH 11.5 (Blue) To pH 14.0 (yellow)
Aqueous solubility:	1 g in 100 ml at 25 Deg. C
Subsidiary dyes, excluding disodium 3,3-dioxo 2,2'-bi-indolylidine-5,7'- disulfonate:	1.00% maximum
Dye intermediates:	0.50% maximum
Arsenic:	8 ppm maximum
Lead:	0.001% maximum
Sulfur:	13.0 – 14.0%
Mercury:	1.00 mg/kg maximum
Cadmium:	1.00 mg/kg maximum
Heavy metals:	40.00 mg/kg maximum
LIGHT SENSITIVE	

Approved by:

John Grubb, PhD
Gojira Fine Chemicals, LLC
Quality Manager
Tel: 440-539-7033 Fax: 888-211-5523
john@gojiraafc.com

Date: February 18, 2020



Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs
5386 Majestic Parkway, Suite 7, Bedford Heights, OH 44146
www.gojirafc.com • sales@gojirafc.com

For research or further manufacturing. Not for drug, clinical or a food use in humans or animals.