



TriStains

DAWN SCIENTIFIC

YOUR SCIENTIFIC PARTNER

ISO 9001:2015 CERTIFIED

Product Specification

Product : Indigo Carmine Certified
Catalog# : S10099
CAS : 860-22-0
CI number : 73015
Formula : $C_{16}H_8N_2O_8S_2Na_2$
MW : 466.35

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 ° C
Subsidiary dyes, excluding disodium 3,3-dioxo 2,2'-bi-indolyldine -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	

- For laboratory use only.
- The contents of Product specifications are subject to change.
- Storage: For information refer respective product safety data sheet (SDS).

