

1915– INDIGO CARMINE, AR GRADE

REF NO: TBL/QA/SS/LC/1915	STANDARD SPECIFICATION FOR INDIGO CARMINE, AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 14/03/2025
Issue Date: 15/03/2022		Product code: 1915

PRODUCT PROPERTIES

C.A.S Number	860-22-0
Chemical Formula	$C_{16}H_8N_2Na_2O_8S_2$
Formula weight	466.36
Functional Uses	Indigotin (indigo carmine) is a dye clinically used for diagnostic purposes.
Standard Packaging	25 gm, 100 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Deep blue powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Indicator pH	11.4 – 13.0
Loss on drying	NMT – 15.0%
Arsenic (As)	NMT – 1ppm
Lead (Pb)	NMT – 10ppm
Dye Content	NLT – 85.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

