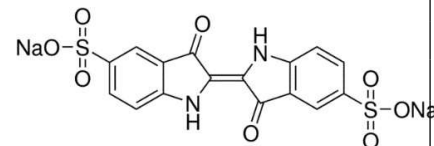




INDIGO CARMINE AR FOR MICROSCOPY

PRODUCT CODE	R03018
SYNONYMS	--
C.I. NO.	73015
CASR NO.	(860-22-0)
ATOMIC OR MOLECULAR FORMULA	C₁₆H₈N₂Na₂O₈S₂
ATOMIC OR MOLECULAR WEIGHT	466.36
PROPERTIES	Sensitive to light. Very sensitive to oxidizing agent. Slightly soluble in alcohol.



PARAMETER	LIMIT
Description	Dark blue – violet powder having a metallic luster of copper.
Solubility	Soluble in water.
Dye Content (Titanometry; on dried substance)	Min. 85.0%
Absorption maximum (in water)	608 - 612 nm
Absorption Ratio (A λ max - 15 nm / A λ max + 15 nm)	0.98 - 1.07
Absorptivity (A1% / 1 cm at λ max, in water)	Min. 400

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter	0.2%
Acidity	1 ml N/1%
Alkalinity (Na ₂ CO ₃)	0.05%
Loss on drying at 120°C	10.0%
Sulphated Ash (on dried substance)	30 - 35%

Note(s): Assay (if applicable) method mentioned.

WARNING

Hazard statements : Harmful if swallowed

Precautionary statements

Prevention: Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

Response: Specific treatment: refer to Label or MSDS.

Disposal: Dispose of contents and container in accordance with relevant legislation.

IMDG Code :-- UN

No. :--

IATA :--

Hazard Pictogram(s) :



GHS07

Replace Date 1 April 2023

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