

CERTIFICATE OF ANALYSIS

PRODUCT NAME : INDIGO CARMINE AR

CAS No : 860-22-0

Mol. Formula : C₁₆H₈N₂Na₂O₈S₂

Mol. WT : 466.36

Date of analysis : 13/12/23

Product code : 23650

Batch No : MCR-29914

Mfd. : Dec. 2023

Exp. : Nov. 2028

S.R	Test	Specification	Observation
1	Description	Dark blue or violet or purple coloured powder.	Purple coloured powder.
2	Absorption maxima (λ _{max} water)	608-612 nm	611.00 nm
3	Absorptivity (A 1% /1cm λ _{max} ; 0.001%;water)	380-475	441.81
4	Loss on drying (110°C)	10% max	1.54%
5	Suitability for microscopy	Passes test	Passes test

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Asmita)**

**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

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