

CERTIFICATE OF ANALYSIS

PRODUCT NAME : INDIGO CARMINE AR

CAS No : 860-22-0

Mol. Formula : C₁₆H₈N₂Na₂O₈S₂

Mol. WT : 466.36

Date of analysis : 07/03/24

Product code : 23650

Batch No : MCR-30561

Mfd. : March 2024

Exp. : Feb. 2029

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	610.50 nm
3	Absorptivity (A 1% /1cm λ _{max} ; 0.001%;water)	380-475	394.32
4	Loss on drying (110°C)	10% max	2.43%
5	Suitability for microscopy	Passes test	Passes test

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Sonu)**

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

Note: Computer generated image requires no sign.

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