



CERTIFICATE OF ANALYSIS

PRODUCT NAME : INDIGO CARMINE AR

CAS No	: 860-22-0	Product code	: 23650
Mol. Formula	: C₁₆H₈N₂Na₂O₈S₂	Batch No	: MCR-28024
Mol. WT	: 466.36	Mfd.	: April 2023
Date of analysis	: 05/04/23	Exp.	: March 2028

S.R	Test	Specification	Observation
1	Description	Dark blue or violet or purple coloured powder.	Dark blue coloured powder.
2	Absorption maxima (λ_{max} water)	608-612 nm	610.0 nm
3	Absorptivity (A 1% /1cm λ_{max}; 0.001%;water)	380-475	435.25
4	Loss on drying (110⁰C)	10% max	2.22%
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.