



CERTIFICATE OF ANALYSIS

PRODUCT NAME : INDIGO CARMINE AR

CAS No : 860-22-0

Mol. Formula : $C_{16}H_8N_2Na_2O_8S_2$

Mol. WT : 466.36

Date of analysis : 12/04/23

Product code : 23650

Batch No : MCR-28068

Mfd. : April 2023

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	609.8 nm
3	Absorptivity (A 1% /1cm λ_{max} ; 0.001%;water)	380-475	400.00
4	Loss on drying (110°C)	10% max	0.71%
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.