

## CERTIFICATE OF ANALYSIS

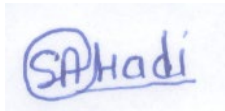
**PRODUCT NAME : INDIGO CARMINE AR**

<b>CAS No</b>	: 860-22-0	<b>Product code</b>	: 23650
<b>Mol. Formula</b>	: C <sub>16</sub> H <sub>8</sub> N <sub>2</sub> Na <sub>2</sub> O <sub>8</sub> S <sub>2</sub>	<b>Batch No</b>	: MCR-33929
<b>Mol. WT</b>	: 466.36	<b>Mfd.</b>	: May 2025
<b>Date of analysis</b>	: 07/05/25	<b>Exp.</b>	: April 2030

S.R	Test	Specification	Observation
1	<b>Description</b>	Dark blue or violet or purple coloured powder.	Purple coloured powder.
2	<b>Absorption maxima (λ<sub>max</sub> water)</b>	608-612 nm	610.00 nm
3	<b>Absorptivity (A 1% /1cm λ<sub>max</sub>; 0.001%;water)</b>	380-475	434.18
4	<b>Loss on drying (110°C)</b>	10% max	1.99%
5	<b>Suitability for microscopy</b>	Passes test	Passes test

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST  
(Sonu)**



**[QC Incharge]**



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

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: [info@molychem.net](mailto:info@molychem.net) • Web: [www.molychem.net](http://www.molychem.net)

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.