

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : ZINC OXIDE AR**

**CAS No : 1314-13-2**  
**Mol. Formula : ZnO**  
**M. WT : 81.38**  
**Date of analysis : 18/01/25**

**Product code : 26925**  
**Batch No. : MCAR-01119**  
**Mfd. : Jan. 2025**  
**Exp. : Dec. 2029**

S.R	Test	Specification	Observation
1	<b>Description</b>	White, off white or slightly yellowish white powder .	White powder .
2	<b>Assay (after ignition)</b>	99.0% w/w min	99.20% w/w
3	<b>Loss on ignition (900°C)</b>	1.0% max	0.53%
4	<b>Substances insoluble in acid</b>	0.01% max	0.006%
5	<b>Chloride (Cl)</b>	0.001% max	<0.001%
6	<b>Total Nitrogen compound</b>	0.0005% max	<0.0005%
7	<b>Calcium (Ca)</b>	0.001% max	<0.001%
8	<b>Sodium (Na)</b>	0.001% max	<0.001%
9	<b>Copper (Cu)</b>	0.0005% max	<0.0005%
10	<b>Iron (Fe)</b>	0.0005% max	<0.0005%
11	<b>Substances reducing KMnO<sub>4</sub></b>	0.0016% max	<0.0016%

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

**[Tested By]**



**CHEMIST  
(Durvas)**



**[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., Kulgaoon, Badlapur (E), Dist.-Thane-421 503.**