



CERTIFICATE OF ANALYSIS

PRODUCT NAME : ZINC OXIDE AR

CAS No : 1314-13-2

Mol. Formula : ZnO

M. WT : 81.38

Date of analysis : 05/06/23

Product code : 26925

Batch No. : MCRT-28451

Mfd. : June 2023

Exp. : May 2028

| S.R | Test | Specification | Observation |
|-----|---|---|----------------|
| 1 | Description | White, off white or slightly yellowish white powder . | White powder . |
| 2 | Assay (after ignition) | 99.0% w/w min | 99.21% w/w |
| 3 | Loss on ignition (900°C) | 1.0% max | 0.92% |
| 4 | Substances insoluble in acid | 0.01% max | 0.005% |
| 5 | Chloride (Cl) | 0.001% max | <0.001% |
| 6 | Total Nitrogen compound | 0.0005% max | <0.0005% |
| 7 | Calcium (Ca) | 0.001% max | <0.001% |
| 8 | Sodium (Na) | 0.001% max | <0.001% |
| 9 | Copper (Cu) | 0.0005% max | <0.0005% |
| 10 | Iron (Fe) | 0.0005% max | <0.0005% |
| 11 | Substances reducing KMnO₄ | 0.0016% max | <0.0016% |

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Jyoti)**

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

Note: Computer generated image requires no sign.

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