



Technical Data Sheet (TDS)

• Zinc Oxide

Formula: ZnO

CAS No.: 1314-13-2

Form: powder

CoastalZinc™ Zinc Oxide

| Parameter | Unit | Value | | |
|---------------------------------------|-------------------|--------------|--------|--------|
| Zinc Oxide (Dry basis ZnO) | % \geq | 99.8 | 99.7 | 99.5 |
| Metallic Zinc | - | Not detected | | |
| Lead Oxide (based on Pb) | % \leq | 0.002 | 0.003 | 0.05 |
| Oxide of Manganese (based on Mn) | % \leq | 0.0001 | 0.0001 | 0.0001 |
| Copper Oxide (based on Cu) | % \leq | 0.0002 | 0.0002 | 0.0002 |
| Cadmium oxide (based on Cd) | % \leq | 0.0005 | 0.0005 | - |
| Potassium oxide (based on K) | % \leq | 0.001 | 0.001 | - |
| Sodium oxide (based on Na) | % \leq | 0.001 | 0.001 | - |
| Ferric oxide (based on Fe) | % \leq | 0.001 | 0.001 | - |
| Silicon dioxide (based on Si) | % \leq | 0.001 | 0.001 | - |
| Aluminum oxide (based on Al) | % \leq | 0.0002 | 0.0002 | - |
| Insoluble Matter in Hydrochloric Acid | % \leq | 0.006 | 0.006 | 0.008 |
| Loss on Ignition (LOI) | % \leq | 0.2 | 0.2 | 0.2 |
| Screenings (45um mesh) | % \leq | 0.1 | 0.1 | 0.15 |
| Water-soluble Object | % \leq | 0.1 | 0.1 | 0.1 |
| Volatile Matters at 105C° | % \leq | 0.3 | 0.3 | 0.4 |
| Average size (D50) | um | 0.6-1.0 | | |
| Surface area | m ² /g | 4.0 – 5.5 | | |
| Appearance | - | White powder | | |

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