

TIQ-F-QC-003

Rev.00

Technical Data Sheet**ZINC OXIDE 99 % AR**

Product Code	O-5232	Grade	Analytical Reagent
Purity	99%	CAS No	1314-13-2
Molecular Formula	Zn	Molecular Weight	81.39 g/mol
H.S.Code	2817.0010	Shelf Life	60 Months

Physical Properties

Physical state	Powder	Melting point	> 1.000 °C at ca.1.013,25 hPa
Colour	White	Solubility in water	0,0029 g/l at 20 °C
Relative density	5,68 at 22 °C	Density	5,68 g/cm ³ at 22 °C

Packaging

500 g

Specification

Appearance	White powder
Assay (complexometric)	min 99.0 %
Substances insoluble in diluted H ₂ SO ₄	max 0.01 %
Free Alkali	passes test
Chloride (Cl)	max 0.001 %
Sulphate (SO ₄)	max 0.01 %
Total Nitrogen (N)	max 0.0005 %
Lead (Pb)	max 0.002 %
Copper (Cu)	max 0.0005 %
Iron (Fe)	max 0.0005 %
Manganese (Mn)	max 0.0005 %
Cadmium (Cd)	max 0.0005 %
Arsenic (As)	max 0.0001 %
Calcium (Ca)	max 0.001 %
Sodium (Na)	max 0.001 %
Substances reducing KMnO ₄ (as O)	max 0.0008 %

Safety Information and Hazard Symbols



Symbol: GHS09

Signal Word: warning

UN No.: 3077

IMCO Class No.: 9

Packing Group: III

Hazardous Statement: H410

Precaution Statement: P273-P391-P501