



Kinematics Inc.

Tel: +1-909-248-0271/+1-630-444-7528

E-Mail: info@trikinematics.com Website: www.trikinematics.com

ZINC OXIDE GOLD SEAL 99.9% PRODUCT SPECIFICATIONS (Code 91201-ET13)

Description White fine powder
Formula ZnO
CAS No. 1314-13-2

Specifications (weight %)

Element	Min.	Max.
ZnO	99.9	
Lead - Pb		0.002
Cadmium- Cd		0.001
Iron - Fe		0.0005
Copper - Cu		0.0003
Tin - Sn		0.0001
Zinc - Zn	80.26	

Element	Min.	Max.
Manganese - Mn		0.0001
Chromium - Cr*		0.0001
Cobalt - Co*		0.0001
Mercury - Hg*		0.0001
Molybdenum - Mo*		0.0001
Nickel - Ni*		0.0001
Selenium - Se*		0.0001

Characteristics	Min.	Max.
Total Impurities		0.01
Mesh 325 (45um)	99.9	
Moisture at 130°C		0.2
HCl Insoluble (HI)		0.001
Average particle size		0.8 um
Surface area	4	9
pH	6.8	7.4

USP / BP	
Specific gravity	5.6
Identification A	Test Ok
Identification B	Test Ok
Alkalinity	Test Ok
Loss on Ignition (LOI) at 500 °C	< 1%
CO3	No presence
Solution color	Not Colour
Arsenic - As (Max)	0.0006

* Technical specification at the customer's request.

This is our **Guaranteed Specification**, for Typical Chemical Analysis, please contact us.

- Uses :** Chemical or raw material for: pharmaceuticals, cosmetics, antiseptic, soaps, ointments, animal feed, zinc chemicals, matches, paints and coatings, dyes, pigments, ceramics, plasters, floor tiles, enamels, plastics, rubber compounds, tyres, polymers, semiconductor, ferrites, varistors, additive in lubricants, catalysts and others.
- Packing :** Polypropylene or Paper bags of 25 Kg., big bags 1 Mt. Other packaging upon request.
- Storage :** Store in a cool, ventilated, dry place away from direct sunlight, heat and incompatible materials such as acids and bases.

