

## Product Specification

Product Name	Zinc oxide, 99.5%, Ph. Eur., USP grade
Glentham Code	GX9610
CAS Number	1314-13-2
EINECS	215-222-5
MDL Number	MFCD00011300
Molecular Weight	81.37
Molecular Formula	ZnO
Storage Temp.	+20°C



Property	Specification
Physical Description	White powder
Identification	To pass Ph. Eur., USP tests
Alkalinity	≤ 0.3ml (of 0.1M HCl)
Carbonate and Colour of Solution	To pass test
Free Alkali	To pass test
Carbonate	To pass test
Acid Insoluble Substances	≤ 0.001% (in HCl)
Loss on Ignition	≤ 1.0% (500°C)
Arsenic (As)	≤ 6ppm
Lead (Pb)	≤ 20ppm
Cadmium (Cd)	≤ 10ppm
Iron (Fe)	≤ 5ppm
Copper (Cu)	≤ 3ppm
Assay	99.0 - 100.5 % (ZnO calculated on ignited substance)
Pharmacopoeia Specification(s)	Ph. Eur., USP

Specification Version	- v1.0
Date Created	- 2019-02-05

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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