

Technical Datasheet

Article No. 117

Zinc oxide puriss., BP, EP, USP
min. 99.8 % ZnO

For laboratory use.

Parameter	Value
Appearance	white amorphous powder
Density	5.61 g/cm ³
Molar mass	81.39 g/mol
CAS number	1314-13-2
Colour: white	complies
Shape: amorphous powder	complies
Odour: odourless	complies
Solubility	complies
Identification A	complies
Identification B	complies
Colour of solution	complies
Appearance of solution	complies
Carbonate and acid insoluble matter	complies
Alkalinity (0.1 M HCl)	max. 0.3 ml
Lead (Pb)	max. 20 ppm
Cadmium (Cd)	max. 10 ppm
Arsenic (As)	max. 5 ppm
Iron (Fe)	max. 10 ppm
Loss on ignition (500 °C)	max. 1.0 %
Loss on ignition (800 °C)	max. 0.2 %
Sieve residue (45 µm)	max. 0.02 %