

SPECIFICATION

Zinc Oxide

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White ~ nearly white, powder
Assay (ZnO)	min.99.0%(mass/mass)
Solubility in acetic acid	to pass test
Loss on ignition	max.0.5%(mass/mass)
Chloride (Cl)	max.0.001%(mass/mass)
Nitrate	to pass test
Phosphate (PO ₄)	max.5ppm(mass/mass)
Sulfur compounds (as SO ₄)	max.0.01%(mass/mass)
Sodium (Na)	max.0.01%(mass/mass)
Potassium (K)	max.0.01%(mass/mass)
Calcium (Ca)	max.0.01%(mass/mass)
Lead (Pb)	max.0.005%(mass/mass)
Arsenic (As)	max.2ppm(mass/mass)
Manganese (Mn)	max.5ppm(mass/mass)
Iron (Fe)	max.5ppm(mass/mass)
Substances reducing permanganate	to pass test

JIS K 8405:2018(*:Additional test performed by Wako but not required by JIS)