



Specification

1.08849.0500 Zinc oxide for analysis EMSURE® ACS, Reag. Ph Eur

	Specification	
Assay (complexometric, ZnO calculated on ignited substance)	99.0 - 100.5	%
Assay (complexometric, ZnO)	≥ 99.0	%
Identity	passes test	
Carbonate and color of solution	passes test	
Substances insoluble in diluted sulfuric acid	≤ 0.01	%
Free Alkali	passes test	
Chloride (Cl)	≤ 0.001	%
Nitrate (NO ₃)	≤ 0.003	%
Sulfur compounds (as SO ₄)	≤ 0.01	%
Total nitrogen (N)	≤ 0.0005	%
As (Arsenic)	≤ 0.0001	%
Ca (Calcium)	≤ 0.001	%
Cd (Cadmium)	≤ 0.0005	%
Cu (Copper)	≤ 0.0005	%
Fe (Iron)	≤ 0.0005	%
K (Potassium)	≤ 0.01	%
Mg (Magnesium)	≤ 0.005	%
Mn (Manganese)	≤ 0.0005	%
Na (Sodium)	≤ 0.001	%
Pb (Lead)	≤ 0.002	%
Substances reducing potassium permanganate (as O)	≤ 0.001	%
Loss on ignition (500 °C)	≤ 1.0	%

Dr. Dimitrij Ryvlin

Responsible laboratory manager quality control

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