



Specification

1.05865.0100 Magnesium oxide for analysis EMSURE®

	Specification	
Assay (complexometric)	≥ 97	%
Substances soluble in water	≤ 0.5	%
Substances insoluble in hydrochloric acid	≤ 0.10	%
Carbonate (as CO ₂)	≤ 1.5	%
Chloride (Cl)	≤ 0.01	%
Sulfate (SO ₄)	≤ 0.02	%
Total nitrogen (N)	≤ 0.002	%
Ca (Calcium)	≤ 0.10	%
Cu (Copper)	≤ 0.001	%
Fe (Iron)	≤ 0.005	%
K (Potassium)	≤ 0.005	%
Na (Sodium)	≤ 0.30	%
Pb (Lead)	≤ 0.001	%
Zn (Zinc)	≤ 0.0005	%
Barium and Strontium (as Ba)	≤ 0.005	%
Loss on ignition (1000 °C)	≤ 3.0	%

Dr. Martin Blömker
Responsible laboratory manager quality control

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