



Material	22300.233
Material description	Calcium carbonate
Grade	AnalaR NORMAPUR Reag. Ph.Eur. precipitated low alkali content
CAS Number	471-34-1
Molecular formula	CCaO3
Molecular mass	100.09

Characteristics	Specifications
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Assay (calculated on dried substance)	98.5 - 100.5 %
Ba (Barium)	Passes test
Identification A	Passes test Ph.Eur.
Identification B	Passes test Ph.Eur.
Particle size d50 (about 14 µm)	Passes test
Solution S	Passes test Ph.Eur.
Heavy metals (as Pb)	≤ 20 ppm
Insolubility in acetic acid	≤ 0.2 %
Insolubility in hydrochloric acid	≤ 50 ppm
Loss on drying (200°C)	≤ 1.0 %
Magnesium and alkali metals	≤ 1.5 %
Total N (Nitrogen)	≤ 10 ppm
Cl (Chloride)	≤ 50 ppm
SO ₄ (Sulphate)	≤ 0.03 %
Al (Aluminium)	≤ 50 ppm
As (Arsenic)	≤ 4 ppm
Cu (Copper)	≤ 5 ppm
Fe (Iron)	≤ 10 ppm
K (Potassium)	≤ 50 ppm
Mg (Magnesium)	≤ 0.02 %
Na (Sodium)	≤ 0.2 %
Pb (Lead)	≤ 5 ppm
Sr (Strontium)	≤ 0.1 %
Conforms to Reag. Ph.Eur.	Passes test



Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

Anja Vanhalle, Head of Laboratory - Haasrode
VWR International bv; Geldenaaksebaan 464; BE-3001
Leuven; Belgium