



Material	27767.295
Material description	Sodium carbonate anhydrous
Grade	Ph.Eur./NF/BP
CAS Number	497-19-8
Molecular formula	Na ₂ CO ₃
Molecular mass	105.99

Additional information

Characteristics	Specifications
Appearance	Conforms (see CoA/CoS)
Heavy metals (as Pb)	≤ 50 ppm
Residual solvents	Unlikely by manuf.process
Residues of metal catalysts or reagents	Unlikely by manuf.process
Residual metal catalysts (skip lot):	.
As (Arsenic)	≤ 5 ppm
Cd (Cadmium)	≤ 1 ppm
Co (Cobalt)	≤ 1 ppm
Hg (Mercury)	≤ 2 ppm
Ni (Nickel)	≤ 1 ppm
Pb (Lead)	≤ 5 ppm
V (Vanadium)	≤ 6 ppm
Conforms to Ph.Eur./NF/BP	Passes test
Ph.Eur./BP specifications:	.
Assay (dried substance) [Ph.Eur./BP]	99.5 - 100.5 %
Identification A	Passes test Ph.Eur./BP
Identification B	Passes test Ph.Eur./BP
Identification C	Passes test Ph.Eur./BP
Identification D [Ph.Eur./BP]	≤ 1.0 %
Appearance of solution	Passes test Ph.Eur./BP
Alkali hydroxides and bicarbonates	Passes test Ph.Eur./BP
Cl (Chloride) [Ph.Eur./BP]	≤ 125 ppm
SO ₄ (Sulphate) [Ph.Eur./BP]	≤ 250 ppm
Fe (Iron) [Ph.Eur./BP]	≤ 50 ppm
Loss on drying (300 ± 15°C) [Ph.Eur./BP]	≤ 1.0 %
NF specifications:	.
Assay (calculated on anhydrous) [NF]	99.5 - 100.5 %
Identification A	Passes test NF



Characteristics

Identification B
Water determination [NF]

Specifications

Passes test NF
 $\leq 0.5 \%$

Signature

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

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

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

Additional information

Appearance: White or almost white, slightly granular powder, hygroscopic.

Not for use as Active Pharmaceutical Ingredient (API)