

Sodium carbonate anhydrous, For Molecular Biology

MB253


Product Identifier

CAS No.	:	497-19-8
EC No.	:	207-838-8
Molecular Formula	:	Na ₂ CO ₃
Molecular Weight	:	105.99
HS Code	:	2836 20 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White to off-white hygroscopic crystals or powder or granules or solid
Solubility	:	100 mg soluble in 1 mL of water
DNases	:	None detected
RNases	:	None detected
Chloride (Cl)	:	<= 0.001%
Magnesium (Mg)	:	<= 0.005%
Calcium (Ca)	:	<= 0.03%
Heavy metals (as Pb)	:	<= 0.0005%
Iron (Fe)	:	<= 0.0005%
Water insoluble matter	:	<= 0.01%
Phosphate (PO ₄)	:	<= 0.001%
Potassium (K)	:	<= 0.005%
Sulphur compounds (as SO ₄)	:	<= 0.003%
Silica (SiO ₂)	:	<= 0.005%
Loss on drying (at 285°C, 2 hr)	:	<= 1.00%
Assay (HCl Titration, on dry basis)	:	99.90 - 102.00%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H319
Precautionary Statement(s)	:	P280- P305+P351+P338- P337 + P313
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	VZ4050000
WGK	:	1