



Specification for Sodium Carbonate, Anhydrous, Powder, Reagent, ACS (S1225)

Item Number	S1225
Item	Sodium Carbonate, Anhydrous, Powder, Reagent, ACS
CAS Number	497-19-8
Molecular Formula	Na ₂ CO ₃
Molecular Weight	105.99
MDL Number	
Synonyms	Exsiccated Sodium Carbonate

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY (Na ₂ CO ₃)	99.5 %	
INSOLUBLE MATTER		0.01 %
LOSS ON HEATING @ 285°C		1.0 %
CHLORIDE (Cl)		0.001 %
PHOSPHATE (PO ₄)		0.001 %
SILICA (SiO ₂)		0.005 %
SULFUR COMPOUNDS (as SO ₄)		0.003 %
HEAVY METALS (by ICP-OES)		5 ppm
IRON (Fe)		5 ppm
CALCIUM (Ca)		0.03 %
MAGNESIUM (Mg)		0.005 %
POTASSIUM (K)		0.005 %
EXPIRATION DATE		
DATE OF MANUFACTURE		

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