



## Specification for Sodium Carbonate, Anhydrous, Granular, Reagent, ACS (S1220)

Item Number	S1220
Item	Sodium Carbonate, Anhydrous, Granular, Reagent, ACS
CAS Number	497-19-8
Molecular Formula	Na <sub>2</sub> CO <sub>3</sub>
Molecular Weight	105.99
MDL Number	
Synonyms	Exsiccated Sodium Carbonate

Test	Specification	
	Min	Max
ASSAY (Na <sub>2</sub> CO <sub>3</sub> ; DRIED BASIS)	99.5 %	
INSOLUBLE MATTER		0.01 %
LOSS ON HEATING @ 285°C		1.0 %
CHLORIDE (Cl)		0.001 %
PHOSPHATE (PO <sub>4</sub> )		0.001 %
SILICA (SiO <sub>2</sub> )		0.005 %
SULFUR COMPOUNDS (as SO <sub>4</sub> )		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 %
IDENTIFICATION	TO PASS TEST	

### *Spectrum Chemical Mfg Corp*

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