



Specification for Sodium Bicarbonate, Powder, Reagent, ACS (S1145)

Item Number	S1145
Item	Sodium Bicarbonate, Powder, Reagent, ACS
CAS Number	144-55-8
Molecular Formula	NaHCO ₃
Molecular Weight	84.01
MDL Number	
Synonyms	Baking Soda ; Sodium Hydrogen Carbonate ; Carbonic Acid Monosodium Salt

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY (NaHCO ₃)	99.7	100.3 %
INSOLUBLE MATTER		0.015 %
CHLORIDE (Cl)		0.003 %
PHOSPHATE (PO ₄)		0.001 %
SULFUR COMPOUNDS (as SO ₄)		0.003 %
AMMONIUM (NH ₄)		5 ppm
HEAVY METALS (by ICP-OES)		5 ppm
IRON (Fe)		0.001 %
POTASSIUM (K)		0.005 %
CALCIUM (Ca)		0.02 %
MAGNESIUM (Mg)		0.005 %
IDENTIFICATION		TO PASS TEST
EXPIRATION DATE		
DATE OF MANUFACTURE		

Spectrum Chemical Mfg Corp

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