



**Specification for Sodium Bicarbonate, Powder, USP,  
bioCERTIFIED (TM) (SO925)**

Item Number	SO925
Item	Sodium Bicarbonate, Powder, USP, bioCERTIFIED (TM)
CAS Number	144-55-8
Molecular Formula	NaHCO <sub>3</sub>
Molecular Weight	84.01
MDL Number	
Synonyms	Baking Soda ; Sodium Hydrogen Carbonate ; Carbonic Acid Monosodium Salt

Test	Specification	
	Min	Max
ASSAY (DRIED BASIS)	99.0	100.5 %
LOSS ON DRYING		0.25 %
INSOLUBLE SUBSTANCES		TO PASS TEST
NORMAL CARBONATE		TO PASS TEST
AMMONIA (NH <sub>3</sub> )		20 ppm
ARSENIC (As)		2 ppm
CHLORIDE (Cl)		0.015 %
ELEMENTAL IMPURITIES		AS REPORTED
SULFUR COMPOUNDS		0.015 %
MICROBIAL LIMITS:		
ENDOTOXINS		AS REPORTED
TAMC		1000 CFU/g
TYMC		100 CFU/g
IDENTIFICATION		TO PASS TEST
APPEARANCE		
RETEST DATE		
DATE OF MANUFACTURE		
RESIDUAL SOLVENTS		AS REPORTED

***Spectrum Chemical Mfg Corp***

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