

Item Number	S9150
Item	Sodium Carbonate, Anhydrous, USP, EP, BP, JP, FCC, bioCERTIFIED(TM)
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
APPEARANCE		
ASSAY (ANHYDROUS BASIS) (USP)	99.5	100.5 %
ASSAY (DRIED BASIS) (FCC)	99.5	100.5 %
ASSAY (DRIED BASIS) (EP/BP)	99.5	100.5 %
ASSAY (DRIED BASIS) (JP)	99.0 %	-
WATER DETERMINATION (USP)		0.5 %
LOSS ON DRYING (FCC)		1.0 %
LOSS ON DRYING (JP)		2.0 %
LOSS ON DRYING (EP/BP)		1.0 %
APPEARANCE OF SOLUTION (EP/BP)	THE SOLUTION IS CLEAR AND NOT MORE INTENSELY COLOURED THAN REFERENCE SOLUTION Y?	
ALKALI HYDROXIDES AND BICARBONATES (EP/BP)	SOLUTION REMAINS CLEAR	
CLARITY AND COLOR OF SOLUTION (JP)	CLEAR AND COLORLESS	
LEAD (FCC)		4 mg/kg
ARSENIC (As) (JP)		3.1 ppm
HEAVY METAL (JP)		20 ppm
IRON (EP/BP)		50 ppm
CHLORIDE (Cl) (EP/BP)		125 ppm
CHLORIDE (Cl) (JP)		0.071 %
SULFATE (EP/BP)		250 ppm
MICROBIAL LIMITS:		
BACTERIAL ENDOTOXINS		10 EU/g
TAMC		1000 CFU/g

Test	Specification	
	Min	Max
TYMC		100 CFU/g
ELEMENTAL IMPURITIES	AS REPORTED	
IDENTIFICATION A (USP A)	POSITIVE FOR SODIUM	
IDENTIFICATION B (USP B)	POSITIVE FOR CARBONATE	
IDENTIFICATION C (FCC A)	POSITIVE FOR CARBONATE	
IDENTIFICATION D (FCC B)	POSITIVE FOR SODIUM	
IDENTIFICATION E (EP/BP A)	THE SOLUTION IS STRONGLYALKALINE	
IDENTIFICATION F (EP/BP B)	GIVES THE REACTION OF CARBONATES	
IDENTIFICATION G (EP/BP C)	GIVES REACTION (a) OF SODIUM	
IDENTIFICATION H (JP A)	POSITIVE FOR SODUIM AND CARBONATE	
EXPIRATION DATE		
DATE OF MANUFACTURE		
RESIDUAL SOLVENTS		AS REPORTED

***Spectrum Chemical Mfg Corp***

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