

## PRODUCT SPECIFICATION

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**Catalog :** SO125

Sodium Bicarbonate, Powder, USP, EP, BP, JP

**CAS# :** 144-55-8

**Formula :** NaHCO<sub>3</sub>

**Formula Weight :** 84.01

Test	Limit	
	Min.	Max.
ASSAY (DRIED BASIS)	99.0 - 100.5 %	
pH OF A 5% SOLUTION	7.9 - 8.4	
LOSS ON DRYING	--	0.25%
INSOLUBLE SUBSTANCES	TO PASS TEST	
NORMAL CARBONATE	TO PASS TEST	
AMMONIA (NH <sub>3</sub> )	TO PASS TEST	
AMMONIUM (NH <sub>4</sub> )	--	20 PPM
ARSENIC (As)	--	2 µg/g
CHLORIDE (Cl)	--	0.015 %
HEAVY METALS (as Pb)	--	5 µg/g
SULFUR COMPOUNDS	--	0.015 %
CALCIUM (Ca)	--	100 ppm
IRON (Fe)	--	20 ppm
APPEARANCE OF SOLUTION	TO PASS TEST	
RESIDUAL SOLVENTS	TO PASS TEST	
IDENTIFICATION	TO PASS TEST	
RETEST DATE		