

Technical Data Sheet

Product Name	Sodium Bicarbonate P.G.		
Product #	KS-02710	CAS #	144-55-8
Ph. Eur., BP, USP.			
Specifications			
Appearance	White powder		
Identity	Passes test		
Assay (Acidimetric; Calculated on Dried Substance according to USP)	99.5-100.5%		
Assay (Acidimetric According to Ph/Eur/ JP)	99.9-101.0%		
Insoluble Substances	Passes test		
Carbonate (CO ₃)	Passes test		
Chloride (Cl)	≤ 0.0150%		
Sulfate (SO ₄)	≤ 0.01%		
Sulfur Compounds (as SO ₄)	≤ 0.015%		
Ammonium (NH ₄)	≤ 0.0005%		
Heavy Metals (Pb)	≤ 0.0005%		
Calcium (Ca)	≤ 0.0100%		
Aluminum (Al)	≤ 0.00005%		
Arsenic (As)	≤ 0.0001%		
Iron (Fe)	≤ 0.0020%		
Copper (Cu)	≤ 0.0005%		

Mercury (Hg)	≤ 0.0001%
Lead (Pb)	≤ 0.0002%
Zinc (Zn)	≤ 0.0025%
Loss On Drying (Silica Gel)	≤ 0.25%

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