

Sodium Bicarbonate

(Food Grade)

Technical Data Sheet

Product Name	Sodium Bicarbonate (E-500)
Manufacturer	Fajr Parsian Chemical Industries
Chemical formula	NaHCO ₃
CAS Numbers	144-55-8
Packing and Delivery	In 25kg BOPP plastic bag

Parameter	unit	Result	Ref: INSO 4270
Appearance	-	Conforms	A white crystalline powder
Total Alkalinity (Based on dry NaHCO ₃)	%	>99	>99
Purity NaHCO ₃	Wt.%	>99	-
Na ₂ CO ₃	Wt.%	< 1	< 1
Arsenic (As)	ppm	< 1	< 3
Lead (Pb)	ppm	< 1	< 5
Iron (Fe)	ppm	< 3	< 5
Sodium Chloride (Based on Cl ⁻)	ppm	<150	<150
Ammonia (Hydrogen nitride)	ppm	Negative	Negative
Insoluble Substances	ppm	Pass the Test	Pass the Test
pH (5%)	-	8.4	8.2-8.6
Moisture	%	< 0.25	< 0.25
Particle Size	µm	75-300	-
	Mesh size	50-200	-

Date of Sampling	Batch No.:	Mfg. date:	Exp. Date:
			2 Years after production

Analyst	QC. Manager	Technical Man.	Authorized by

Approved Rejected