

 GHCL Limited	SPECIFICATION	SPEC NO.: LAB/S40
	SODIUM BICARBONATE	REVISION NO.: 01
		EDITION NO.: 01
		PAGE : 01 OF 01
		EFFECTIVE DATE: 27/03/2014

APPROVED BY: COO **ISSUED BY : SYSTEM CO-ORDINATOR**

1. **SCOPE :**
The specification prescribes the requirements for Sodium Bicarbonate/Sodium Bicarbonate-Refined
2. **APPLICATION :**
Manufacturing of Detergent, Gold and Platinum Plating, Tanning Industry, Treating wool and Silk, Fire Extinguishers, Aerated Water and Baking Industry.
3. **PERFORMANCE STANDARD:**

SR. NO.	CHARACTERISTICS	SPECIFICATION GUARANTEED	U.O.M.	CONFORMANCE STANDARD
1	Description	White, Minutely Crystalline Powder, Free from dirt and other foreign matter		Work Instruction No. LAB/SBC/W01 which is generally in conformance with IS - 2124
2	Total Alkalinity(as NaHCO ₃) Min.	99.00	%by mass	
3	pH (1% solution) Max.	8.8	-	
4	Chloride (as Cl) Max.	0.06	%by mass	
5	Insoluble Matter Max.	0.1	%by mass	
6	Sulphate (as SO ₄) Max.	0.07	%by mass	
7	Iron (as Fe) Max.	0.0040	%by mass	
8	Heavy Metal (as Pb) Max.	5	ppm	
9	Arsenic (as As) Max.	1.5	ppm	
10	Copper (as Cu) Max.	30	ppm	

NOTE : These characteristics are applicable at the time of packing.

Characteristics from Sr. No. 8 to 10 are analyzed monthly from External Laboratory.