

**SPECIFICATION****SODIUM BICARBONATE
ANIMAL FEED GRADE**

SPEC NO.: LAB/S43

REVISION NO.: 00

EDITION NO.: 01

PAGE : 01 OF 01

EFFECTIVE FROM: 01.02.17

APPROVED BY: COO**ISSUED BY : SYSTEM CO-ORDINATOR****1. SCOPE :**

The specification prescribes the requirements for Sodium Bicarbonate - Animal Feed Grade

2. APPLICATION :

Animal Feed Grade Sodium Bicarbonate is a product selected for animal feed producers. It can be used in Poultry and Ruminant diets and for general animal feed use. It is not for Human Consumption and Medicinal use.

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.	99.2	%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.