



SPECIFICATION

**DENSE SODA ASH
(BETA GRADE)**

SPEC NO. LAB / S12

REVISION NO.: 02

EDITION NO.: 01

PAGE 01 OF 01

EFFECTIVE FROM : 02.04.14

APPROVED BY: COO

ISSUED BY: SYSTEM CO-ORDINATOR

1. **SCOPE :**
The specification prescribes the requirements for Dense Soda ash

2. **APPLICATION :**
Soda ash is an industrial chemical used for the manufacture of float, sheet, container and speciality glasses, Silicate and some Chemicals.

3. PERFORMANCE STANDARD

SR. NO.	CHARACTERISTICS	SPECIFICATION		U. O. M.	CONFORMANCE STANDARD
		Guaranteed	Typical		
1	Description	White, crystalline product, free from dirt and other foreign matter	White, crystalline product, free from dirt and other foreign matter	-	Work Instruction No. LAB/FIN/W01 which is generally in conformance with IS - 251.
2	Total Alkalinity as Na ₂ CO ₃ (Min)	99.0	99.2	% by mass	
3	Chloride as NaCl	0.3+/-0.1	0.30-0.40	% by mass	
4	Fe ₂ O ₃ (Max.)	30	15	ppm	
5	Bulk Density	951-1250	950-1100	Gram / litre	
6	Sulphate as Na ₂ SO ₄ (Max)	0.02	0.008	% by mass	
7	Volatile Matter (Max)	0.7	0.5	% by mass	
8	Matter insoluble in water (Max)	0.02	0.004	% by mass	
9	Particle Size Distribution:				
	a) +1.70mm (Max)	1.0	0.2	% by mass	
	b) - 0.075 mm (Max)	15.0	5.0	% by mass	

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

HEAD - Q C

HEAD - Production