



Analysis Certificate

Sample Name: Soda flakes

Temperature: 22.0°C Humidity: 48.2%

Lot Number: 76/S/2026

Analysis Date: 04/05/2026

Production Date: 05 / 2026

Expiry Date: 05/2028

Analysis Results:

	Test Description / Items	Results	Specification
1	Appearance	White Flakes, solid physical state	White Flakes, solid physical state
2	Purity Sodium Hydroxide (NaOH)	98.18 %	98 % Min.
3	Carbonate (Na ₂ CO ₃)	0.49 %	0.5 %Max.
4	Chloride (NaCl)	27.8 ppm (0.00278 %)	100 ppm (0.01 %) Max.
5	Chlorate (NaClO ₃)	8.7 ppm	30 ppm Max.
6	Sulfate (SO ₄)	4.7 ppm	20 ppm Max.
7	Nickel (Ni)	0.5 ppm	5ppm Max.
8	Ferric Oxide (Fe ₂ O ₃)	0.6 ppm (0.00006 %)	7.15 ppm (0.000715%) Max.
9	Ammonium (NH ₄)	3.0 ppm	5 ppm Max.
10	Nitrates (NO ₃)	4.0 ppm	10 ppm Max.
11	Density	corresponds	2130 kg/m3
12	Solubility in water	corresponds	Very Soluble good, 100 g/100ml (25 °C)
13	Flakes thickness	corresponds	1-1.1 mm

Notes:

- This report is issued by NCIC Instrumental Laboratory, delivered to customer upon request. Except by special arrangement, the Lab will not retain the test items, for more than three months.
- The results shown in this test report refer only to the sample(s) tested unless otherwise stated. The test report cannot be reproduced, except in full, without prior written permission of the laboratory.
- Samples identified and submitted by the customer.

.....End of Certificate

Reviewed by:

Lab Manager

Signature

(*Abdul Ali*)

Approved by:

General Manager

Signature

(*Yasser Ahmed*)

