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CIN U46909GJ2025PTC164345

CERTIFICATE OF ANALYSIS — Standard product specification

Sodium Chloride (Detergent Grade)

CAS 7647-14-5 · 99% min

1. PRODUCT IDENTITY

Product name	Sodium Chloride (Detergent Grade)
C.A.S. number	7647-14-5
Grade / standard	99% min
Description	White free flowing powder
Product group	Fillers
Category	Home Care & Detergent Chemicals
Country of origin	India
Packing	Bags, drums, carboys, IBC or ISO tank as applicable — customer-specified packing available
Storage	Cool, dry, well-ventilated place in tightly closed original packing

2. ANALYTICAL SPECIFICATION

S. NO.	TEST PARAMETER	SPECIFICATION	TYPICAL RESULT	METHOD
1	Description	White free flowing powder	Complies	Visual
2	Identification	Conforms to the structure of the substance	Complies	FTIR / Chemical test
3	Solubility	As per specification	Complies	Visual / Monograph
4	Assay	Not less than 99.0 % w/w	99.50	Titrimetry (Epton / two-phase)
5	pH (1 % aqueous solution)	7.0 – 10.0	8.6	Potentiometry
6	Free Alkali	Not more than 0.5 % w/w	0.235	Titrimetry

7	Matter Insoluble in Alcohol	Not more than 2.0 % w/w	0.97	Gravimetry
8	Moisture	Not more than 1.0 % w/w	0.36	Karl Fischer / Gravimetry

3. DECLARATION

This document sets out the standard specification for Sodium Chloride (Detergent Grade) and applies to all consignments of this product and grade supplied by Scapex Exports Pvt. Ltd. It is not a lot-specific release document; a lot-specific certificate carrying the analysis of the material actually shipped is issued with, and travels with, each consignment. Scapex Exports supplies against customer-specified assay limits and pharmacopoeial standards — send your specification sheet and we confirm compliance in writing before the order is accepted.

