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CIN U46909GJ2025PTC164345

CERTIFICATE OF ANALYSIS Standard product specification

Sodium Chloride Tablets

CAS 7647-14-5 · ≥99.5% Water softener grade

1. PRODUCT IDENTITY

Product name	Sodium Chloride Tablets
C.A.S. number	7647-14-5
Grade / standard	≥99.5% Water softener grade
Description	White compressed tablets
Product group	pH Control & General
Category	Water Treatment 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 compressed tablets	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 99.5 % w/w	99.62	Titrimetry / Instrumental
5	pH (1 % aqueous solution)	As per specification	10.5	Potentiometry
6	Matter Insoluble in Water	Not more than 0.5 % w/w	0.174	Gravimetry

7	Iron (as Fe)	Not more than 50 ppm	2.9 ppm	ICP-OES
8	Heavy Metals (as Pb)	Not more than 10 ppm	Less than 5 ppm	ICP-OES
9	NSF/ANSI 60 suitability	Suitable for potable water treatment	Complies	Manufacturer declaration
10	Moisture	Not more than 1.0 % w/w	0.39	Karl Fischer / Gravimetry

3. DECLARATION

This document sets out the standard specification for Sodium Chloride Tablets 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.

