

Product Name	Sodium Chloride — Laboratory Grade	Cat. No.	ASC-8051
CAS Number	7647-14-5	EC Number	231-598-3
Molecular Formula	NaCl	MW (g/mol)	58.44
Batch Number	Stated on label	Mfg Date	Stated on label
Expiry Date	Stated on label	Grade	Laboratory Grade / High Purity
Supplier	AuSaMicS Pty Ltd 31 Longview CT, Thomastown VIC 3074 ABN: 56 676 640 467		

1. Analytical Results

#	Test Parameter	Specification	Method	Result
1	Appearance	White crystalline powder, free-flowing	Visual	Conforms
2	Assay (NaCl)	>= 99.5% (w/w)	Argentometric titration	Conforms
3	pH (5% aq., 25°C)	6.7 – 7.3	Potentiometric	Conforms
4	Loss on Drying (105°C)	<= 0.5%	Gravimetric	Conforms
5	Insoluble Matter	<= 0.005%	Gravimetric filtration	Conforms
6	Sulfate (as SO ₄ ²⁻)	<= 0.005%	Turbidimetric (BaSO ₄)	Conforms
7	Chlorate (as ClO ₃ ⁻)	<= 0.003%	Titrimetric	Conforms
8	Bromide (as Br ⁻)	<= 0.01%	ICP / titrimetric	Conforms
9	Heavy Metals (as Pb)	<= 5 ppm	ICP-OES	Conforms
10	Iron (as Fe)	<= 2 ppm	Spectrophotometric	Conforms
11	Calcium (as Ca)	<= 0.002%	Complexometric / ICP	Conforms
12	Magnesium (as Mg)	<= 0.001%	ICP-OES	Conforms
13	Potassium (as K)	<= 0.005%	Flame photometry / ICP	Conforms
14	Nitrogen compounds (as N)	<= 0.001%	Kjeldahl / spectrophotometric	Conforms

CONCLUSION: ALL PARAMETERS CONFORM TO SPECIFICATION — BATCH RELEASED FOR SUPPLY

2. Storage & Shelf Life

- Store at 15-25°C in a tightly closed container away from moisture.
- NaCl is hygroscopic — reseal container immediately after use.



CERTIFICATE OF ANALYSIS

COA-ASC-8051 | Sodium Chloride (NaCl) — Laboratory Grade
www.ausamics.com.au

- Shelf life: Indefinite under proper dry storage conditions.

3. Authorisation & Release

Authorised by:

Hassan Salimi
Founder & Technical Director
AuSaMicS Pty Ltd

Document Reference:

COA-ASC-8051
Issue Date: June 2026
Version: 1.0

Signature: _____

Date: _____

DISCLAIMER: This Certificate of Analysis relates solely to the batch identified on this document and the product label. AuSaMicS Pty Ltd warrants that this product conforms to the specifications stated herein at the time of manufacture and dispatch. AuSaMicS Pty Ltd accepts no liability for misuse outside the intended laboratory application. Specifications subject to change without notice.