

Specification

Technical Data Sheet

CAS 7647-14-5	STORAGE Ambient	MOLECULAR WEIGHT 58.44
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PRODUCT

Sodium chloride ACS Grade

Product number	90027858
CAS number	7647-14-5
Molecular formula	NaCl
Molecular weight	58.44 g/mol

PARAMETER	SPECIFICATION
Appearance	White powder
Assay	≥ 99.9%
Bromide (Br-)	≤ 120mg/kg
Cadmium (Cd)	≤ 0.2mg/kg
Insoluble Matter	≤ 50mg/kg
Iron (Fe)	≤ 5mg/kg
Particle Size	Typical: 16 (1000µm): 100% ; 30 (500µm): 97% ; 52 (300µm): 41%
Surface moisture	≤ 0.05% m/m
Alkalinity (as Na ₂ CO ₃)	≤ 150mg/kg
Antimony (Sb)	≤ 2.6mg/kg
Arsenic (As)	≤ 0.3mg/kg
Calcium (Ca)	≤ 20mg/kg
Chromium (Cr)	≤ 0.75mg/kg
Copper (Cu)	≤ 2mg/kg
Lead (Pb)	≤ 1mg/kg

PARAMETER	SPECIFICATION
Magnesium (Mg)	≤ 5mg/kg
Mercury (Hg)	≤ 0.05mg/kg
Nickel (Ni)	≤ 0.75mg/kg
Selenium (Se)	≤ 2.6mg/kg
Sulphates (SO₄)(2-)	≤ 500mg/kg

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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