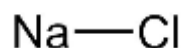


TIQ-F-QC-003
 Rev.00

Technical Data Sheet

SODIUM CHLORIDE 99,5% AR

Common salt, Halite, Rock salt, Saline, Table salt



Product Code	O-5185	Grade	Analytical Reagent
Purity	99,5%	CAS No	7647-14-17
Molecular Formula	NaCl	Molecular Weight	58.44 g/mol
H.S.Code	2501.0090	Shelf Life	60 Months

Physical Properties

Physical state	Solid	pH value	7
Melting point	801 °C at 1,013.25 hPa	Solubility in water	317 g/l at 20 °C
Boiling point	1,413 °C	Density	2.16 g/cm ³ at 25 °C
Decomposition temperature	1,000 °C		

Packaging

500 gram

Specification

Appearance	White crystalline powder
Assay (argentometric)	99.5 - 100.5 %
Identity	Passes test
Appearance of solution	Passes test
Acidity or alkalinity	Passes test
pH (5% solution at 25 °C)	5.0 - 8.0
Insoluble matter	max 0.005 %
Bromide (Br)	max 0.005 %
Iodide (I)	max 0.001 %
Ferrocyanida [Fe(CN) ₆] ⁻⁴	max 0.0001 %
Chlorate and nitrate (as NO ₃)	max 0.003 %
Nitrite (NO ₂)	Passes test
Phosphate (PO ₄)	max 0.0005 %
Sulphate (SO ₄)	max 0.001 %
Total nitrogen (N)	max 0.0005 %
Heavy metals (as Pb)	max 0.0005 %

Arsenic (As)	max 0.00004 %
Barium (Ba)	max 0.001 % (passes test)
Calcium (Ca)	max 0.002 %
Copper (Cu)	max 0.0002 %
Iron (Fe)	max 0.0002 %
Magnesium (Mg)	max 0.001 %
Potassium (K)	max 0.005 %
Loss on drying (at 105 °C; 2 hrs)	max 0.5 %

Safety Information and Hazard Symbols

NO GHS

Symbol: not available

Signal Word: not available

UN No.: not available

IMCO Class No.: not available

Packing Group: not available

Hazardous Statement: not available

Precaution Statement: not available