Product Specification

Product Name: SODIUM CHLORIDE AR

Alternate Name(s) Table salt; sea salt; halite; rock salt

Description
White solid. Hygroscopic.

Properties

Chemical Formula:

Molecular Weight: 58.44

General Information:

Soluble in glycerol. Slightly soluble in alcohol. Incompatible with strong acids and oxidising agents. Non combustible material; emits toxic fumes under fire conditions.

Product Code: SA046

CAS No. 7647-14-5

Hazard and Safety Data

UN Group:	None Allocated
Class:	None Allocated
UN Number:	None Allocated
Hazchem code:	None Allocated
CS MSDS Code:	1CH69
Poison schedule:	Not Scheduled
Emergency Procedure Guide No.:	N/A

Quality Specification

Assay: 99.7% min.

Specific Properties and Impurities [Typical levels]:

pH of a 5% solution	5.0-9.0
Insoluble matter	≤ 0.005%
Iodide (I)	≤ 0.002%
Bromide (Br)	≤ 0.01%
Chlorate and nitrate (as NO3)	≤ 0.003%
Phosphate (PO4)	≤ 0.0005%
Sulfate (SO4)	≤ 0.004%
Heavy metals (as Pb)	≤ 0.0005%
Loss on drying	≤ 0.05%
Aluminium (Al)	≤ 0.00002%
Arsenic (As)	≤ 0.0001%
Barium (Ba)	Passes test
Calcium (Ca)	≤ 0.002%
Copper (Cu)	≤ 0.0002%
Iron (Fe)	≤ 0.0002%
Lead (Pb)	≤ 0.0002%
Magnesium (Mg)	≤ 0.001%
Potassium (K)	≤ 0.005%

CONFORMS TO ACS

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