

Product Specification

Product Name : Sodium chloride, Ph. Eur., USP grade
 Glentham Code : GE1119
 CAS Number : 7647-14-5
 EINECS : 231-598-3
 MDL Number : MFCD00003477

Na⁺

Cl⁻

Molecular Weight : 58.44
 Molecular Formula : NaCl
 Storage Temp. : +20°C

Property	Specification
Physical Description	White crystalline powder or colourless crystals
Identification	Reaction of chlorides Reaction of sodium
Solubility (20% in water)	Clear, colourless solution
Acidity or Alkalinity	≤ 0.5ml (of NaOH 0.01M)
Bromides	≤ 100ppm
Ferrocyanides	To pass Ph. Eur., USP tests
Iodides	To pass Ph. Eur., USP tests
Nitrites	Absorbance: ≤ 0.01
Phosphates	≤ 25ppm
Sulphates	≤ 200ppm
Aluminium (Al)	≤ 0.2ppm
Arsenic (As)	≤ 1ppm
Barium (Ba)	To pass Ph. Eur., USP tests (≤ 10ppm)
Iron (Fe)	≤ 2ppm
Magnesium and Alkaline-Earth Metals	≤ 100ppm (as Ca)
Heavy Metals	≤ 3ppm
Potassium (K)	≤ 500ppm
Loss on Drying	≤ 0.5%
Bacterial Endotoxins	≤ 5IU/g
Assay	99.0 - 100.5 % (dried basis)
Pharmacopoeia Specification(s)	Ph. Eur., USP

Specification Version : v1.0

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Date Created : 2016-06-07

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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