

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
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
Date Created	-	2016-06-07

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