

Product Datasheet

GE1119 - Sodium chloride, Ph. Eur., USP grade

Not classified as dangerous for transport.

Product Details

Product Name	Sodium chloride, Ph. Eur., USP grade
Glentham Code	GE1119
CAS Number	7647-14-5
EINECS	231-598-3
Numéro MDL	MFCD00003477
Related Categories	Biochemicals, Buffers, Raw Materials (IVD), Analytical Reagents, PCR, Reagents for Gel Electrophoresis of DNA/RNA, Reagents for Cell Culture, Reagents for Northern and Southern Blotting, Reagents for Western Blotting, Inorganics, Metal Salts

Structure

Molecular Weight	: 58.44
Molecular Formula	: NaCl



Glentham Product 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	: $\leq 0.5\text{ml}$ (of NaOH 0.01M)
Bromides	: $\leq 100\text{ppm}$
Ferrocyanides	: To pass Ph. Eur., USP tests
Iodides	: To pass Ph. Eur., USP tests
Nitrites	: Absorbance: ≤ 0.01
Phosphates	: $\leq 25\text{ppm}$
Sulphates	: $\leq 200\text{ppm}$
Aluminium (Al)	: $\leq 0.2\text{ppm}$
Arsenic (As)	: $\leq 1\text{ppm}$
Barium (Ba)	: To pass Ph. Eur., USP tests ($\leq 10\text{ppm}$)
Iron (Fe)	: $\leq 2\text{ppm}$
Magnesium and Alkaline-Earth Metals	: $\leq 100\text{ppm}$ (as Ca)
Heavy Metals	: $\leq 3\text{ppm}$
Potassium (K)	: $\leq 500\text{ppm}$
Loss on Drying	: $\leq 0.5\%$
Bacterial Endotoxins	: $\leq 5\text{IU/g}$
Assay	: 99.0 - 100.5 % (dried basis)
Pharmacopoeia Specification(s)	: Ph. Eur., USP
Version	: v1.0

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.

About Sodium chloride, Ph. Eur., USP grade

Sodium chloride is an ubiquitous ionic compound formed of sodium and chloride ions in equal ratio. It has an extremely wide range of industrial uses.

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