

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
Glenthams Code	GE1119
CAS Number	7647-14-5
EINECS	231-598-3
MDL Number	MFCD00003477
Related Categories	Biochemicals, Buffers, Raw Materials (IVD), Analytical Reagents, Reagents for 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



Glenthams 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

No further details on record.

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