

## Certificate of Analysis

Product Name	Sodium chloride, Ph. Eur., USP grade
Glentham Code	GE1119
CAS Number	7647-14-5
EINECS	231-598-3
MDL Number	MFCD00003477
Batch Number	641EWA
Molecular Weight	58.44
Molecular Formula	NaCl
Storage Temp.	+20°C



Property	Specification	Batch 641EWA
Physical Description	White crystalline powder or colourless crystals	Colourless crystals
Identification	Reaction of chlorides	Conforms
	Reaction of sodium	Conforms
Solubility (20% in water)	Clear, colourless solution	Conforms
Acidity or Alkalinity	≤ 0.5ml (of NaOH 0.01M)	< 0.1ml
Bromides	≤ 100ppm	37ppm
Ferrocyanides	To pass Ph. Eur., USP tests	Conforms
Iodides	To pass Ph. Eur., USP tests	Conforms
Nitrites	Absorbance: ≤ 0.01	≤ 0.01
Phosphates	≤ 25ppm	< 10ppm
Sulphates	≤ 200ppm	21ppm
Aluminium (Al)	≤ 0.2ppm	< 0.1ppm
Arsenic (As)	≤ 1ppm	< 0.5ppm
Barium (Ba)	To pass Ph. Eur., USP tests (≤ 10ppm)	Conforms
Iron (Fe)	≤ 2ppm	0.1ppm
Magnesium and Alkaline-Earth Metals	≤ 100ppm (as Ca)	8ppm
Heavy Metals	≤ 3ppm	Conforms
Potassium (K)	≤ 500ppm	28ppm
Loss on Drying	≤ 0.5%	< 0.1%
Bacterial Endotoxins	≤ 5IU/g	< 5IU/g
Assay	99.0 - 100.5 % (dried basis)	99.6%
Pharmacopoeia Specification(s)	Ph. Eur., USP	Conforms

Specification Version	v1.0
Manufacture Date	2023-07-12
Re-Test Date	2030-12-15

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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