

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 or contact us using the details above for the current version of this document.

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