

neoFroxx GmbH

Marie-Curie-Str. 3
64683 Einhausen
+49 6251 989 240
coa@neofroxx.com
www.neofroxx.com

Specification

Product	Sodium chloride pure EP, USP (pharma grade)
Product number	LC-4524
Synonyms	Common salt, Saline, Rock salt
Formula	NaCl
Molecular weight	58.44 g/mol
CAS number	7647-14-5
Storage	below 25°C
Retest period (months)	60

We herewith confirm that this product meets the requirements of the European Pharmacopoeia (EP) and the US Pharmacopoeia (USP) (revised)

TSE/BSE declaration: The product does not contain any raw materials produced from or substances derived of animal origin. Moreover this product is not derived from specific risk materials as defined in Guideline EMEA/410/01 final Rev. 03/2004. All packaging materials are not of animal origin. The product does not come in contact with animal products during storage or transportation.

Parameter	Specification
Assay (USP, EP)	99 - 100.5 %
Appearance (EP)	white or almost white, crystalline powder or colourless crystals or white or almost white pearls (revised)
Solubility (EP)	passes test
Identity (USP, EP)	passes test
Aluminium (USP, EP)	<= 0.00002 %
Arsenic (USP, EP)	<= 0.0001 %
Barium (USP, EP)	passes test
Ferrocyanide (USP, EP)	passes test
Iodide (USP, EP)	passes test
Iron (USP, EP)	<= 0.0002 %
Bromide (USP, EP)	<= 0.01 %
Phosphate (USP, EP)	<= 0.0025 %
Potassium (USP, EP)	<= 0.05 %

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Magnesium and alkali earth metals (USP, EP)	$\leq 0.01 \%$
Nitrite (NO_2) (Absorbance at 354nm) (USP, EP)	≤ 0.01
Sulfate (USP, EP)	$\leq 0.02 \%$
Appearance of solution (USP, EP)	clear and colourless
Acidity or Alkalinity (EP, USP)	passes test
Loss on drying (105°C, 2 h) (EP)	$\leq 0.5 \%$

Einhausen, 16.01.2025