

**neoFroxx GmbH**

Marie-Curie-Str. 3  
64683 Einhausen  
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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) 12.1 and the US Pharmacopoeia (USP) 48 (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 |
| 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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|--|---|
| Parameter  | Specification                               |
| Magnesium and alkali earth metals (USP, EP)                | <= 0.01 %                                   |
| Nitrite (NO <sub>2</sub> ) (Absorbance at 354nm) (USP, EP) | <= 0.01                                     |
| Sulfate (USP, EP)  | <= 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)                           | <= 0.5 %                                    |

Einhausen, 31.03.2026