

# Specification

**Formula Hill:** CHNaO<sub>3</sub>  
**Molar Mass:** 84,01 g/mol  
**CAS N°:** 144-55-8

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111721 Sodium hydrogen carbonate, NF, Ph. Eur., for hemodialysis

	Specifications
Assay (NaHCO <sub>3</sub> )	99,0 - 100,5 %
Identity	conforms
Appearance	
- White or almost white	conforms
- Crystalline powder	conforms
Appearance of solution	conforms
Solubility	conforms
Carbonate (CO <sub>3</sub> )	≤ 0,23 %
Carbonate (pH 5%)	≤ 8,6
Chloride (Cl)	≤ 0,0150 %
Normal carbonate	conforms
Sulfate (SO <sub>4</sub> )	≤ 0,0150 %
Sulfur compounds (as SO <sub>4</sub> )	≤ 0,015 %
Ammonium (NH <sub>4</sub> )	≤ 0,0020 %
Heavy metals (as Pb)	≤ 5 ppm
Aluminium (Al)	≤ 2 ppm
Arsenic (As)	≤ 2 ppm
Calcium (Ca)	≤ 0,0100 %
Copper (Cu)	≤ 1 ppm
Iron (Fe)	≤ 5 ppm
Magnesium (Mg)	≤ 0,004 %
Limit of organics	≤ 0,01 %
Loss on drying	≤ 0,25 %
Not to use in parenteral applications	conforms
Suitable for hemodialysis application	conforms

The product cannot be considered as an Active Pharmaceutical Ingredient (API)

Conforms to: NF, Ph. Eur. specification