

Date of issue: 01.03.2022
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Sodium bicarbonate

Food grade

- 1 System Code #:** 1002
- 2 Quality:** Food grade
- 3 Product description:** Powder of white color
- 4 CAS/EINECS/E:** CAS: 144-55-8
EINECS: 205-633-8
Chemical formula: NaHCO₃

5 Specification:

#	Description	Content of components
1	Appearance	Powder of white color
2	Mass fraction of Sodium Hydrogen Carbonate NaHCO ₃ , %, min.	99,3
3	Mass fraction of Sodium Carbonate Na ₂ CO ₃ , %, min.	0,7
4	Test for waterinsoluble substances for E500 (ii)	Stands the test
5	Mass fraction of chlorides in terms of NaCl, %, max.	0,04
6	Mass fraction of sulphates in terms of SO ₄ ²⁻ , %, max	0.02
7	Moisture, %, max.	0,2
8	Mass fraction of Iron Fe, %, max.	0,005
9	Mass fraction of calcium Ca, %, max.	0,05
10	Mass fraction of ammonium salt in term to NH ₄ ⁺ , %, max.	0,001
11	Lead Pb content, mg/kg, max.	2,0
12	Arsenic As content, mg/kg, max.	3,0
13	pH of the 1% aqueous solution	8,0 ÷ 8,6
14	Mercury Hg content, mg/kg, max.	1,0

- 6 Packaging** 1000 kg. Big Bags / 25 kg. Bags