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## Product Specification

Product Name:

Sodium bicarbonate – puriss., meets analytical specification of Ph. Eur., BP, USP, FCC, E500, 99.0–100.5%, powder

Product Number:

13433

CAS Number:

144-55-8

MDL:

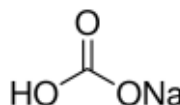
MFCD00003528

Formula:

CHNaO3

Formula Weight:

84.01 g/mol



TEST	Specification
Titration with HCl	99.0 - 100.5 %
Loss on Drying (via silica gel)	≤ 0.2 %
pH 5%, 20 °C	≤ 8.6
Chloride (Cl)	≤ 100 ppm
Sulfate (SO4)	≤ 100 ppm
Total Sulfur Content (as SO4)	≤ 150 ppm
Appearance of Solution	Complying
Carbonate	Complying
Ammonium (NH4) < = 20 ppm	Complying
Water-Insoluble Matter	Complying
Ammonia	Complying
Residual Solvents	Complying
Aluminum (Al)	≤ 1 ppm
Arsenic (As)	≤ 2 ppm
Calcium (Ca)	≤ 100 ppm
Iron (Fe)	≤ 10 ppm
Mercury (Hg)	≤ 1 ppm
Potassium (K)	≤ 100 ppm
Lead (Pb)	≤ 2 ppm
Heavy Metals	≤ 5 ppm

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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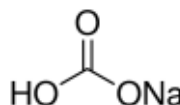
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**TEST****Specification**

Note

Identity, assay and impurities are complying to the monographs of the above mentioned pharmacopeias/codices.

Note

Specification: PRD.2.ZQ5.10000082343

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