

# AMMONIUM HYDROGEN CARBONATE (BICARBONATE) – RAISING AGENT, WITH ANTI-CAKING AGENT

PRODUCT SPECIFICATION

Number of revisions: 13

Date of last revision: 11.01.2016

premixture: ammonium hydrogen carbonate E 503(ii) with anticaking agent  
magnesium hydroxide carbonate E 504 (ii)

## Information:

<b>Appearance:</b> fine white crystals with slight odour of ammonia <b>Use:</b> raising agent in food, formulation and repackaging of mixtures, raw material in chemical synthesis	<b>code:</b> 12 – 02
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## Specifications:

Indices	Typical Values	Limit Values
Ammonium bicarbonate, %	99.4 – 99.9*	99.4 to 100.5*
NH <sub>3</sub> , %	21.4 – 21.5*	min. 21.4
Non-volatile residue %	0.3	0.05 to 0.5*
Sulfur compounds (such as SO <sub>4</sub> ), %	complies	max. 0.003
Lead Pb, %	complies	max. 0.0002
Chlorides, %	complies	max. 0.003
Iron, %	complies	max. 0.0005
Arsenic, %	complies	max. 0.0002
Hg, %	complies	max. 0.0001
pH of 5 % aqueous solution	7.7	7.5 to 8.5
Bulk density, g/l	approx. 900	–

\* depending on the anti-caking agent content magnesium hydroxide carbonate E 504 (ii) – added max. 0.5%

## Packing:

- two-layer bags (polypropylene/polyethylene) – 25 kg net
- PE shrink wrapped pallets – 1000 kg net