PRODUCT SPECIFICATIONS

AMMONIUM BICARBONATE
FOOD GRADE TREATED

CODE: 1AJBFR
EFFECTIVE: 11/12/2026
VERSION: 1.0

PARAMETERS & SPECIFICATIONS

Assay (NH_4HCO_3)	min. 99.3 %
Anticaking Agent ($MgCO_3$)	max. 5500 ppm
Ammonia (NH_3)	max. 21.1 %
Carbon Dioxide (CO_2)	min. 55 %
Nonvolatile Residue	max. 0.55 %
Arsenic (As)	max. 1 ppm
Cadmium (Cd)	max. 1 ppm
Chloride (Cl)	max. 30 ppm
Heavy Metals (as Pb)	max. 3 ppm
Iron (Fe)	max. 3 ppm
Lead (Pb)	max. 1 ppm
Mercury (Hg)	max. 0.1 ppm
Sulfate (as SO_4)	max. 30 ppm

REMARKS

Ammonium Bicarbonate Food Grade FFQ is a mixture of ammonium hydrogen carbonate (E 503 ii) and magnesium carbonate (E 504). Each fulfil separately the purity criteria for food additives set by Directive (EU) 231/2012, the Joint (FAO/WHO) Expert Committee on Food Additives (JECFA) in the Codex Alimentarius as well as the one contained in the Food Chemical Codex. They also fulfil the effective specification limits of the European and British Pharmacopoeia. May contain process-related particles up to 500 µm, which do not affect the quality of the product.

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