

64021 Ammonium Carbonate

Ammonium carbonate powder, E 503i, FCC, complies with the purity requirements USP

Chemical composition:	$(\text{NH}_4)_2\text{CO}_3$
Chemical name:	Ammonium carbonate
CAS No.:	10361-29-2
Appearance:	white, crystalline product

Specification:

Identification:	complies
Ammonium-Test:	complies
Carbonate-Test:	complies
Solubility:	complies
NH ₃ :	30.5 – 34.0 %
CO ₂ :	min. 55.6 g %
Non volatile matter :	max. 100 ppm
Residue on ignition :	max. 0.1 %
Chloride;	max. 30 ppm
Sulphate:	max. 30 ppm
Iron (Fe):	max. 3 ppm
Arsenic (As):	max. 1 ppm
Cadmium (Cd):	max. 1 ppm
Lead (Pb):	max. 1 ppm
Mercury (Hg):	max. 0.1 ppm
Ash:	max 0.1 %
Heavy metals (as Pb):	max. 3 ppm

Typical Values:

pH-Value (5% solution):	approx. 8.6
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Ammonium carbonate has limited authorization for use as a food additive as E-No. 503i. May contain particles of up to 500 µm due to the process, which do not affect the quality of the product.

We guarantee the compliance of the specified characteristics. These specifications do not represent the assurance of characteristics for certain types of applications. We formally express that the recipient is obliged to inspect the goods before application.