

# AMMONIUM NITRATE



This product is from a Valetime Trading Source

PRODUCT OF THE UKRAINE

## SPECIFICATION

<b>Appearance</b>	Ammonium nitrate ( $\text{NH}_4\text{NH}_3$ ) is a granulated product of white colour yellowish hue.
<b>Uses</b>	Ammonium nitrate ( $\text{NH}_4\text{NH}_3$ ) is used for production of ammonites, nitric oxide and in agriculture – as a mineral fertilizer. As a mineral fertilizer it is effective in all zones and for almost all agricultural crops. Ammonium nitrate is used as a presowing-applied fertiliser, as well as for early spring feeding of plants.
<b>Packing</b>	Pe or other bags providing product preservation
<b>Product NET mass</b>	$50 \pm 1,0$ kg.
<b>Life</b>	Guaranteed storage life is 6 months from production date.

### Specification

Grade standard

### GOST 2-85

	GOST 2-85		
	A	B Higher grade	First grade
Total mass portion of nitrate and ammonium nitrogen based on:			
... $\text{NH}_4\text{NO}_3$ in dry matter, %, not less than	98	No standard	No standard
...Nitrogen in dry matter, %, not less than	No standard	34.4	34.4
Water mass portion, %, not more than:			
...with sulphate and phosphate additives	0.2	0.2	0.2
...with calcium / magnesium nitrate additives	0.3	0.3	0.3
Ph of 10% water solution, not less than	5.0	5.0	5.0
...with sulphate-phosphate additives	4.0	4.0	4.0
Mass portion of substances insoluble in 10% nitric acid solution, %, not more than	0.2	No standard	No standard
<b>GRAIN SIZE DISTRIBUTION</b>			
mass portion of granule size from 1 to 3 mm, %, not less than	93	No standard	No standard
mass portion of granule size from 1 to 4 mm, %, not less than	No standard	95	95
granule size from 2 to 4 mm, %, not less than	No standard	80	50
mass portion of granule size less than 1 mm, %, not more than	4	3	3
mass portion of granule size exceeding 6 mm, %	0.0	0.0	0.0
Granule static strength, n/granule (kg/granule), not less than	5 (0.5)		7 (0.7)
...with sulphate and sulphatephosphate additives		10 (1.0)	
...with calcium and magnesium nitrate additives		8 (0.8)	
Friability, %, not less than	100	100	100

#### Disclaimer for Specifications

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