



## SPECIFICATION

### Mono Ammonium Phosphate (MAP)12:61:0

Chemical formula:  $\text{NH}_4\text{H}_2\text{PO}_4$

Appearance: White crystals

Addition: MAP is a fully water-soluble fertilizer, a highly efficient source of phosphorus and nitrogen for plants. MAP is recommended for use at the beginning of the growth season, when phosphorus availability is crucial for the establishment of root system.

### Physical and chemical indicators:

No.	Items for detecting and analyzing	Specifications	Per Batch
1.	Mass fraction of phosphorus in terms of P2O5, % not less	61 - +1	61.4-61.5
2.	Mass fraction of nitrogen (N), %	12 - +1	12.1-12.2
3.	Mass portion of fluorine(F), %, maximum	0.02	0.02
4.	Mass portion of free lead (Pb) %, maximum	0.0004	0.0004
5.	Mass portion of arsenic (As) %, maximum	0.0003	0.0003
6.	Mass portion of water, %, maximum	0.1	0.1
7.	The rate of activity of hydrogen ions 0.1 M solution units. pH	4,3-4,5	4,4
8.	Mass fraction of water-insoluble residue, %, not more than	0,04	<0,04
9.	Turbidity of 20% solution, NTU, maximum	10	<10