



**PRODUCT INFO
& DATASHEET**

SICO-SOLMAP 12.61.0

Mono Ammonium Phosphate, Technical water soluble fertiliser.
Made in China (with REACH Certificate).

3/05/2017

We offer 3 grades/qualities of MAP :

- Type 1 : wet process (cheapest & lowest quality)
- Type 2 : hot process (esp. used to produce liquid fertiliser)
- Type 3 : purified process (recommended)

1. PRODUCT SPECIFICATIONS

* Type 1 : SICO-SOLMAP Technical grade (wet process)

Chinese National standard

Main content (as $\text{NH}_4\text{H}_2\text{PO}_4$)	min. 98 %
Nitrogen (as N)	min. 11.80 %
Phosphorous Pentoxide (as P_2O_5)	min. 60.50 %
Moisture	max. 0.30 %
Water insoluble	max. 0.20 %
pH value of 1% solution	3.8 – 4.8
Appearance	colorless or white crystals

* Type 2 : SICO-SOLMAP Superior grade (hot process)

Chinese National standard

Main content (as $\text{NH}_4\text{H}_2\text{PO}_4$)	min. 99 %
Nitrogen (as N)	min. 11.90 %
Phosphorous Pentoxide (as P_2O_5)	min. 61.00 %
Moisture	max. 0.20 %
Water insolubles	max. 0.10 %
pH value of 1% solution	4.2 – 4.8
Appearance	colorless or white crystals

* Type 3 : SICO-SOLMAP with extra low heavy metals (purified process) (RECOMMENDED)

Chinese National standard

Main content (as $\text{NH}_4\text{H}_2\text{PO}_4$)	min. 99 %
Nitrogen (as N)	min. 11.90 %
Phosphorous Pentoxide (as P_2O_5)	min. 61.0 %
Moisture	max. 0.20 %
Water insolubles	max. 0.10 %
pH value of 1% solution	4.2 – 4.8
Appearance	colorless or white crystals
Arsenic (as As)	max. 0.0003 %
Fluoride (as F)	max. 0.005 %
Lead (as Pb)	max. 0.001 %
Sulfates (as SO_4)	max. 0.005 %
Chloride (as Cl)	max. 0.001 %
Iron (as Fe)	max. 0.003 %

2. PACKING

In 25 kg net woven polypropylene bags, 25 MT/20ft fcl (loose bags) or 22 MT/20ft fcl (bags on heattreated pallets).

3. REACH Certificates exist for our SICO-SOLMAP products

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose.
No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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SICO FERTILISERS
EVERY TIME THE *right* SOLUTION