



SICO-MAP 12.61.0

MONO AMMONIUM PHOSPHATE - Type 3

Wet process soluble grade fertiliser.

- Made in China -

07/2023

1/ PRODUCT DESCRIPTION

Product name: Mono-ammonium phosphate
CAS number: 7722-76-1

2/ Introductory remark

We have 4 different grades & qualities of SICO-MAP 12.61.0 from our Chinese plant.

- 1) our cheapest soluble MAP, produced by **wet process** from rock phosphate (Type 3) – our most popular type
- 2) our **hot process soluble grade** of soluble MAP produced from 85% phosphoric acid and liquid ammonia (Type 2)
- 3) the special **hot process technical superior soluble grade** quality SICO-MAP = a special grade to produce liquid fertiliser (Type 1)
- 4) our special **Purified process soluble grade** with extra low heavy metals (with REACH Certificate) (Type 4)

3/ PHYSICAL AND CHEMICAL PROPERTIES

Appearance: white crystal

3/ SPECIFICATIONS

	<u>Standard</u>	<u>Test results on sample 3/11/2016</u>
Main content (NH ₄ H ₂ PO ₄)	98% min.	98.35
Nitrogen (N)	11.8% min.	12.02
Phosphorus Pentoxide (P ₂ O ₅)	60.5% min.	61
Moisture	0.3% max.	0.16
Insolubles	0.2% max.	0.083
pH value	3.8-4.8	4.25

<u>Heavy metals analysis</u>	<u>Standard</u>	<u>Test results on sample dd 3/11/2016</u>
Arsenic (as As)	< 50 mg/kg	20 mg/kg
Lead (as Pb)	< 50 mg/kg	< 1 mg/kg
Cadmium (as Cd)	< 10 mg/kg	< 1 mg/kg
Mercury (as Hg)	< 20 mg/kg	< 1 mg/kg

4/ APPLICATIONS

- * Used as fertiliser in agricultural crops.
It is applied after being dissolved in water through the irrigation system or as a foliar spray.
- * Used as a fire retardant for fabric, wood and paper.
- * Used as a basic raw material for NPK compound fertilisers

5/ PACKING

in 25 kg net wpp + pe SICO bags (25 MT/20 ft container if loose bags or 24 MT/20 ft container if bags on pallets)