

STRAIGHTS | PHOSPHATE PRODUCTS

Monoammonium Phosphate (MAP)

Horticultural Grade

June 2020

Origin: Russia

EC FERTILISER

Reach Reg. 01-2119488166-29

Section 1 | Description

Brand name	Van Iperen Monoammonium Phosphate (MAP) Horticultural Grade
Chemical name	Ammonium dihydrogenorthophosphate
Chemical formula	$\text{NH}_4\text{H}_2\text{PO}_4$
Appearance	White crystals

Section 2 | Chemical composition

Total Nitrogen (N)	12% +/- 1% w/w
Ammoniacal Nitrogen (N-NH ₄)	12% +/- 1% w/w
Phosphorus Pentoxide (P ₂ O ₅)	61% +/- 1% w/w

Section 3 | Heavy metals

Arsenic (As)	< 3mg/kg	Mercury (Hg)	< 0.1mg/kg
Cadmium (Cd)	< 0.1mg/kg	Lead (Pb)	< 4mg/kg
Chrome (Cr)	< 10mg/kg		

Section 4 | Physical properties

pH	4.4 +/- 0.1 (in 1% solution)
Solubility	350g/L
Insolubles	< 0.04%
Moisture	< 0.3%