

STRAIGHTS | NITROGEN PRODUCTS

Ammonium Sulphate

Horticultural Grade

May 2020

Origin: The Netherlands

EC FERTILISER

Reach Reg. 01-2119455044-46

Section 1 | Description

| | |
|------------------|--|
| Brand name | Van Iperen Ammonium Sulphate Horticultural Grade |
| Chemical name | Ammonium Sulphate |
| Chemical formula | $(\text{NH}_4)_2\text{SO}_4$ |
| Appearance | White crystals |

Section 2 | Chemical composition

| | |
|--|---------|
| Total Nitrogen (N) | 21% w/w |
| Ammoniacal Nitrogen (N-NH ₄) | 21% w/w |
| Sulphur Trioxide (SO ₃) | 60% w/w |
| Sulphur (S) | 24% w/w |

Section 3 | Heavy metals

| | | | |
|--------------|----------|--------------|-------------|
| Arsenic (As) | < 5mg/kg | Mercury (Hg) | < 0.02mg/kg |
| Cadmium (Cd) | < 2mg/kg | Lead (Pb) | < 2mg/kg |
| Chrome (Cr) | < 5mg/kg | | |

Section 4 | Physical properties

| | |
|--------------|--|
| Density | 1.03 +/- 0.03g/cm ³ |
| pH | 5.5 +/- 0.5 (in 5% solution) |
| Solubility | 760g/L |
| Moisture | < 0.2% |
| Granulometry | Mean particle size: 1.1 +/- 0.2 mm < 0.5 mm : < 10% >2.0 mm : < 5% |