

STRAIGHTS | POTASSIUM PRODUCTS

Potassium Sulphate (SOP)

Horticultural Grade

May 2020

Origin: Sweden

EC FERTILISER

Reach Reg. 01-2119489441-34

Section 1 | Description

Brand name	Van Iperen Potassium Sulphate (SOP) Horticultural Grade
Chemical name	Potassium sulphate
Chemical formula	K_2SO_4
Appearance	White crystals

Section 2 | Chemical composition

Potassium Oxide (K_2O)	> 51% w/w
Potassium (K)	> 42% w/w
Sulphur Trioxide (SO_3)	> 45% w/w
Sulphur (S)	> 18% w/w

Section 3 | Heavy metals

Arsenic (As)	< 1mg/kg	Mercury (Hg)	< 0.1mg/kg
Cadmium (Cd)	< 1mg/kg	Lead (Pb)	< 10mg/kg
Chrome (Cr)	< 4mg/kg		

Section 4 | Physical properties

Density	1.3 +/- 0.1g/cm ³
pH	2.8 +/- 0.5 (in 1% solution) 4 +/- 1 (in 10% solution)
Electric conductivity (EC)	1.8 +/- 0.3mS/cm (in 0.1% solution) 13 +/- 1mS/cm (in 1% solution)
Solubility	110g/L
Insolubles	< 0.05%
Moisture	< 0.05%