



SOP Precision

Water Soluble SOP

Fertigation Grade

General description:

Chemical formula	K_2SO_4
Appearance	Off-white powder
Origin	Australian salt lake brine

Chemical specifications:

Typical¹

Guaranteed

		Typical ¹	Guaranteed
Potassium	K	44 %	> 41 %
	K_2O	53 %	> 50 %
Sulphate	SO_4	55 %	>51 %
	S	18 %	>17 %
Chloride	Cl	< 0.1 %	< 0.5 %
Magnesium	Mg	< 0.2 %	
Moisture	H_2O	< 0.1 %	
Insolubles		< 0.09 %	
Solubility (in water at 25°C)*	(g/100g H_2O)	11.9	
pH (5% w/v solution)*		6.8	
Electrical conductivity (1% w/v solution)*	(mS/m)	1231	
Dissolution rate in water		> 95 % in one minute	

* Solution in deionised water

1. Note: All of the above results are based on the analysis of a composite sample. Individual samples may vary.