



## SOP Premium High K Granular SOP

### General description:

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

### Chemical specifications:

		Typical <sup>1</sup>	Guaranteed
Potassium	K	43 %	> 41 %
	$K_2O$	52 %	> 50 %
Sulphate	$SO_4$	54 %	> 51 %
	S	18 %	> 17 %
Chloride	Cl	< 1.0 %	< 1.5 %
Magnesium	Mg	< 1.0 %	
Moisture	$H_2O$	< 0.1 %	
Solubility (in water at 25°C)*	(g/100g $H_2O$ )	11.8	
pH (5% w/v solution)*		6.8	
Electrical conductivity (1% w/v solution)*	(mS/m)	1231	
Particle size <sup>2</sup>		2 to 4mm at 90 %	To be determined

\* Solution in deionised water

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

2. Note: Particle size range is a design target and not a binding specification.