



SOP Prime High K Standard SOP

General description:

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

Chemical specifications:

		Typical ¹	Guaranteed
Potassium	K	44 %	> 41.5 %
	K_2O	53 %	> 50.0 %
Sulphate	SO_4	55 %	>51.0 %
	S	18 %	>17.0 %
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	

* Solution in deionised water

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