SO4 Product Specification

11.02.21



SOP Prime High K Standard SOP

General description:

| Chemical formula K ₂ SO ₄ | | | |
|---|-----------------|--------------------------------|--|
| | nemical formula | K ₂ SO ₄ | |
| Appearance Off-white powder | pearance | Off-white powder | |
| Origin Australian salt lake brine | igin | Australian salt lake brine | 10-10-10-10-10-10-10-10-10-10-10-10-10-1 |

| Chemical specifications: | | Typical ¹ | Guaranteed |
|--|--------------------------|----------------------|------------|
| Potassium | К | 44 % | >41.5 % |
| | K ₂ O | 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 ₂ O | < 0.1 % | |
| Solubility (in water at 25°C)* | (g/100gH ₂ O) | 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.



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