

Technical data sheet



Product name: **Potassium sulfate**

Grade: **Extra pure**

Chemical formula: K_2SO_4

Molar mass: 174.26 g/mol

Synonyms: Dipotassium sulfate; potassium pyrosulfate

General information	
Cas- No.	7778-80-5
Ec-No.	231-915-5
Appearance	Colorless or white solid
Boiling point	1689°C (1013hpa)
Melting point	1067 °C
Flash point	N/A
Spec.density	2.66 g/cm ³ (20°C)
Vapour pressure	N/A
Solub. In H ₂ O	111 g/l (20°C)
Storage temp	≤+30 °C
R:	N/A
S:	N/A

Specification	
Assay (dried substance)	≥99.0 %
Identity	conforms
Appearance of solution	conforms
Acidity or alkalinity	conforms
Chloride	≤0.004%
Heavy metals(as pb)	≤0.001%
Ammonium	≤0.002%
Loss on drying (105°C)	≤1.0%
pH value	5.5-7.5 (5%, H ₂ O, 25°C)
Bulk density	~1050 kg/ m ³

Symbol:

packaging:

Available Pack	1Kg	5Kg	10Kg
P.E	*	*	*
GLASS	-	-	-



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