

Specification

Magnesium Sulfate 7-hydrate *BioChemica*

A4101

Solubility:	710 g/L (H ₂ O)
Physical Description:	Solid
Product Code:	A4101
Product Name:	Magnesium Sulfate 7-hydrate <i>BioChemica</i>
Specifications:	<p>Assay (titr.): min. 99.5 %</p> <p>pH (5 %; H₂O; 20°C): 5.0 - 8.5</p> <p>Insoluble matter: passes test</p> <p>Heavy metals (as Pb): max. 0.001 %</p> <p>A (1 cm/1 M in H₂O)</p> <p>260 nm: max. 0.02</p> <p>280 nm: max. 0.02</p>
WGK:	1
Storage:	RT
Molecular Formula:	MgSO ₄ · 7H ₂ O
M:	246.48 g/mol
CAS:	10034-99-8
EINECS:	231-298-2
CS:	28332100
Comment	Magnesium ions stabilize chromosomes in suspension and nuclei. The isolation buffer contains 10 mM MgSO ₄ (1).
Bibliography	(1)Trask, B. & VanDenEngh, G. (1990) <i>Methods Cell Biol.</i> 33 , 363-367Chromosome and nuclei isolation with the MgSO ₄ procedure.

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