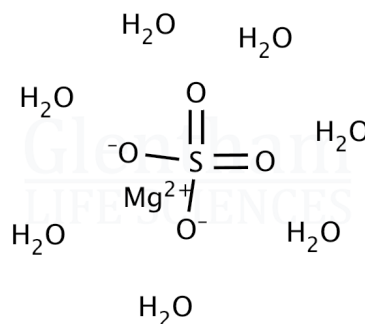


Certificate of Analysis

Product Name	Magnesium sulfate heptahydrate
Glenthams Code	GK8109
CAS Number	10034-99-8
EINECS	231-298-2
MDL Number	MFCD00149785
PubChem SID	310275970
Batch Number	368HJG
Molecular Weight	246.48
Molecular Formula	$\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$
Storage Temp.	+20°C



Property	Specification	Batch 368HJG
Physical Description	Colourless or white crystals	Conforms
Identification	To pass test	Conforms
pH (5% in water)	5.0 - 8.0	6.06
Magnesium Sulphate (MgSO_4)	48.0 - 50.0 %	49.2%
Loss on Ignition	50.0 - 52.0 %	50.7%
Potassium (K)	$\leq 0.3\%$	0.026%
Sodium (Na)	$\leq 0.012\%$	0.002%
Chloride (Cl)	$\leq 0.02\%$	0.005%
Calcium (Ca)	$\leq 0.01\%$	0.001%
Selenium (Se)	$\leq 30\text{ppm}$	Conforms
Lead (Pb)	$\leq 4\text{ppm}$	Conforms
Assay	$\geq 99.5\%$ (dried basis)	99.9%

Specification Version	v1.0
Manufacture Date	2015-10-04
Re-Test Date	2025-11-26

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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