



SPECIFICATION SHEET

Product Name : Magnesium sulfate heptahydrate, Ph Eur, BP, USP, JP
Product Number : 946.013
Brand : ISOLAB
CAS Number : 10034-99-8
Formula : $\text{MgO}_4\text{S} \cdot 7 \text{H}_2\text{O}$
Formula Weight : 246.48 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (complexometric; calc. on dried substance)	99.0 - 100.5 %	%
Identification	passes test	
Appearance of solution	passes test	
Acidity or alkalinity	passes test	
pH-value (5%; water)	5.0 – 8.0	
Chloride (Cl)	≤ 0.0003 %	%
Heavy metals (as Pb)	≤ 0.0005 %	%
As (Arsenic)	≤ 0.0002 %	%
Ca (Calcium)	≤ 0.005 %	%
Fe (Iron)	≤ 0.0001 %	%
Zinc	passes test	
Loss on drying (400°C)	48.0 – 52.0 %	%

Quality Management
Isolab Laborgerate GmbH

