

Certificate of Analysis

Product Name	Magnesium sulfate heptahydrate, meets analytical specification of Ph. Eur. BP USP FCC
Catalog No.	V85565
Batch No.	V8556501

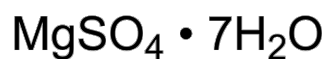
1. Physical and Chemical Properties

Appearance	Powder
Molecular Formula	MgSO ₄ ·7H ₂ O
Molecular Weight	246.47
Purity	=99.69%
CAS No.	10034-99-8
Production Date	
Retest Date	2028-11-16

2. Analytical Data

Test Item	Specification	Result
Content	≥98%	=99.69%
pH(50g/L,25°C)	5.0-8.0	6.33
Clarity test	Confirm	Confirm
Water-insoluble substances, ≤%	0.005	=0.004
Cl, ≤%	0.0005	<0.0005
As, ≤%	0.0001	<0.0001
Na, ≤%	0.005	<0.005
Ca, ≤%	0.02	<0.02
Mn, ≤%	0.001	<0.001
Fe, ≤%	0.0005	<0.0005
Heavy metals (calculated as Pb), ≤%	0.0005	<0.0005

3. Structure



4. Storage Condition

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Storage Condition	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Products are for research use only • Not for human or veterinary use

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