



## CERTIFICATE OF ANALYSIS

Product : **MAGNESIUM SULFATE HEPTAHYDRATE**  
Product number : M0513  
Batch number : 019353  
Date of production : 07-04-2025  
Date of expiry : 30-04-2030  
  
Packaging and storage : store at room temperature in a well-closed container

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	colourless crystals	complies		
Solubility	soluble in water	complies		710 g/l / 20 °C
Identification:				
- A (magnesium)	conform	complies		
- B (sulphates)	conform	complies		
Appearance of solution	clear and colourless	complies		10% solution
Acidity or alkalinity	conform	complies		
Chlorides	≤ 0.03	< 0.03	%	
Iron	≤ 0.002	< 0.0001	%	
Heavy metals	≤ 0.001	< 0.0004	%	as Pb
Loss on drying	48.0 – 52.0	50.6	%	at 400°C
Assay	99.0 – 100.5	99.8	%	dried substance
Total aerobic count ( TAMC )	≤ 2000	< 2000		CFU/g
Yeasts/moulds count (TYMC)	≤ 200	< 200		CFU/g

This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

S. Bayat, MSc, pharmacist

Department of Quality Control Duchefa Biochemie B.V.

Date: 19-06-2025

The buyer is responsible to test each batch to ensure the product is suitable for their specific purpose.

Duchefa Biochemie B.V.

