

# CERTIFICATE OF ANALYSIS

Product : **MAGNESIUM SULFATE HEPTAHYDRATE**  
 Product number : M0513  
 Batch number : 015188  
 Date of production : xx-09-2019  
 Date of expiry : 30-09-2024

Packaging and storage : store at room temperature in a well-closed container

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	colourless crystals	complies		
Solubility	soluble in water			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	≤ 0.0300	< 0.0300	%	
Arsenic	≤ 0.0002	< 0.0002	%	
Iron	≤ 0.0020	< 0.0020	%	
Heavy metals	≤ 0.0010	< 0.0010	%	as Pb
Loss on drying	48.0 – 52.0	50.7	%	at 400°C
Assay	99.0 – 100.5	99.9	%	dried substance

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

Conclusion: approved  
 Released by:

drs. M. van Wissen, pharmacist  
 Department of Quality Control Duchefa B.V.

Date: 03-02-2020



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

Duchefa Biochemie B.V.