

## CERTIFICATE OF ANALYSIS

Product : **MAGNESIUM CHLORIDE HEXAHYDRATE**  
 Product number : M0533  
 Batch number : 012852  
 Date of production : 08-07-2016  
 Date of analysis : 01-08-2016  
 Date of expiry : 31-07-2021

Packaging and storage : store dry at room temperature

	SPECIFICATION	RESULT	UNITS	REMARKS
Identity:	conform	complies		
Solubility	soluble in water			1670 g/l / 20°C
Appearance of solution	clear and colourless	complies		10 % in H <sub>2</sub> O
Acidity or alkalinity	conform	complies		
Bromide (Br)	≤ 0.05	complies	%	
Sulphate (SO <sub>4</sub> )	≤ 0.01	complies	%	
Aluminium (Al)	≤ 0.0001	complies	%	
Arsenic (As)	≤ 0.0002	complies	%	
Calcium (Ca)	≤ 0.1	complies	%	
Heavy metals (as Pb)	≤ 0.001	complies	%	
Iron (Fe)	≤ 0.001	complies	%	
Potassium (K)	≤ 0.05	complies	%	
Water	51.0 – 55.0	54.9	%	Karl Fischer
Ammonium	≤ 0.005	complies	%	
Mercury	≤ 0.0001	complies	%	
Cadmium	≤ 0.0001	complies	%	
Lead	≤ 0.0001	complies	%	
Assay	98.0 – 101.0	100.6	%	
Bacterial Endotoxins	< 3 IU/g	< 3 IU/g		

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: 03-04-2017



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