

## CERTIFICATE OF ANALYSIS

Product : **CALCIUM GLUCONATE MONOHYDRATE**  
 Product number : C0531  
 Batch number : 010115  
 Date of production : xx-12-2012  
 Date of analysis : 26-12-2012  
 Date of expiry : 31-12-2017

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

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white powder	complies		granular
Identification	conform	complies		
Appearance of solution	conform	complies		2% in H <sub>2</sub> O
pH	6.4 – 8.3	6.8		
Organic impurities and boric acid	conform	complies		
Oxalates	≤ 100	< 100	ppm	
Sucrose and reducing sugars	conform	complies		
Chloride	≤ 200	< 50	ppm	
Phosphates	≤ 100	< 100	ppm	
Sulfates	≤ 50	< 50	ppm	
Iron	≤ 5	< 5	ppm	
Magnesium and alkali metals	≤ 0.4	0.04	%	
Heavy metals	≤ 10	< 10	ppm	
Assay	99.0 – 101.0	99.72	%	C <sub>12</sub> H <sub>22</sub> CaO <sub>14</sub> .H <sub>2</sub> O

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

Conclusion: approved

Released by:

*Plo*

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

Date: 31-07-2015

*S. de Bree*

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