



## CERTIFICATE OF ANALYSIS

Product : **GUANIDINE HYDROCHLORIDE**  
Product number : G1375  
Batch number : 016061  
Date of manufacturing : 11-10-2020  
Date of expiration : 31-10-2023  
  
Packaging and storage : in a well-closed container at room temperature

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	colourless crystals	complies		
Appearance of solution	clear and colourless	complies		6 M in H <sub>2</sub> O
Melting point	185 – 188	186	°C	
Water	≤ 0.1	0.10	%	
Iron (Fe)	≤ 0.1	0.05	mg/kg	
Heavy metals (Pb)	≤ 10	complies	mg/kg	
Dicyandiamide	≤ 0.01	< 0.01	%	
Melamine	≤ 0.01	0.001	%	
Ammonium	≤ 0.01	< 0.01	%	
pH	4.5 – 7.0	5.0		6 M in H <sub>2</sub> O
UV-absorption (260 nm)	≤ 0.03	0.02		6 M in H <sub>2</sub> O
Assay	≥ 99.7	99.9	%	

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: 10-03-2021

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

Duchefa Biochemie B.V.



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THT-OK