

CERTIFICATE OF ANALYSIS

Product : **PENICILLIN G SODIUM**
 Product number : P0142
 Batch number : 014396
 Date of production : xx-11-2018
 Date of analysis : 24-11-2018
 Date of expiry : 30-11-2022

Packaging and storage : keep in a well-closed container, protected from moisture and at a temperature not exceeding 30°C

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white or almost white crystalline powder	complies		
Solubility	very soluble in water, practically insoluble in fatty oils and in liquid paraffin	complies		
Identification	conform	complies		
pH	5.5 – 7.5	6.9		
Absorbance				UV
- 264 nm	0.80 – 0.88	0.83		
- 280 nm	≤ 0.10	0.014		
- 325 nm	≤ 0.10	0.023		
Total impurities	≤ 1.0	0.05	%	
Loss on drying	≤ 1.0	0.22	%	
Assay	96.0 – 102.0	100.8	%	

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

Conclusion: approved

Released by:

drs. Q. de Hoog, pharmacist
 Department of Quality Control Duchefa B.V.

Date: 05-03-2019

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