



CERTIFICATE OF ANALYSIS

Product : **PENICILLIN G SODIUM**
Product number : P0142
Batch number : 018930
Date of production : 05-02-2024
Date of analysis : 05-02-2024
Date of expiry : 29-02-2028

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		
Specific optical rotation	+285 - +310	complies	°	
pH	5.5 - 7.5	6.4		
Absorbance				UV
- 264 nm	0.8 - 0.88	0.83		
- 280 nm	< 0.1	0.02		
- 325 nm	< 0.1	0.04		
Total impurities	< 1.0	complies	%	
Loss on drying	< 1.0	0.1	%	
Assay	96-102	100.2	%	

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

Conclusion: approved

Released by:

S. Bayat, MSc, pharmacist
Department of Quality Control Duchefa B.V.

Date: 05-12-2024

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

