



CERTIFICATE OF ANALYSIS

Product : **PENICILLIN G SODIUM**
Product number : P0142
Batch number : 018934
Date of production : 02-12-2024
Date of analysis : 02-12-2024
Date of expiry : 31-12-2028

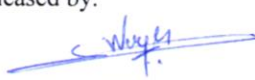
Packaging and storage : keep in a well-closed container, protected from moisture and at a temperature not exceeding 30°C

	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	5.0 – 7.5	6.8		
Absorbance			%	UV
- 264 nm	0.8 – 0.88	0.85		
- 280 nm	≤ 0.1	0.01		
- 325 nm	≤ 0.1	0.03		
Total impurities	≤ 1.0	0.13	%	
Loss on drying	≤ 1.0	0.069	%	
Assay	96-102	100.5	%	

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: 12-12-2024

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