

# Penicillin G Potassium, Non-sterile

## Therapeutical category:

Narrow spectrum antibiotic

## Characteristics:

A crystalline powder

## Applications:

This product is suitable as a starting material for the manufacture of sterile penicillin G salts and the manufacture of beta-lactam intermediates such as 6-APA and 7-ADCA

All our manufacturing sites use the best available technology and operate dedicated waste water treatment plants, 24/7 throughout the year. Effluents are regularly sampled and checked for antimicrobial activity.



## Key parameters: Penicillin G Potassium, Non-sterile

<b>Pharmacopeia quality</b>	USP, EP, BP	
<b>Regulatory information</b>	USA: FDA EU: EDQM Canada: HPB	India: Ministry of Health Brazil: ANVISA in progress
<b>Appearance</b>	White or almost white crystalline powder	
<b>Assay (anhydrous basis)</b>	PGK: 96.0–100.0% (release specifications)	
<b>Potency</b>	1575–1600 IU/mg (release specifications)	
<b>pH</b>	5.5 - 7.5	
<b>Loss on drying</b>	≤0.5%	
<b>Shelf-life</b>	Minimum 4 years in the original packaging under storage conditions	
<b>Batch size</b>	Approximately 1200 kg	
<b>Storage conditions</b>	Below 25°C, protected from light and moisture	
<b>Packaging</b>	Primary packaging: polyethylene bag	
	Outer packaging: corrugated box	
	Fixed quantity of 2x15 kg bags is packed in each box	

### Contact and information

For more information, please visit [www.dsm-sinochem.com](http://www.dsm-sinochem.com) or e-mail: [info@dsm-sinochem.com](mailto:info@dsm-sinochem.com) or contact us at one of the addresses below:

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