



Puricillin[®] Compacted grade A

(Ampicillin Trihydrate, compacted)



Therapeutical category:

Oral, broad spectrum penicillin



Characteristics:

Granules obtained by means of dry compaction of the crystalline powder without adding any excipients. No solvents are used in the process for higher purity and improved smell of the product. Methanol is a residual from raw material and a by-product of an enzymatic reaction.



Applications:

The product is suitable for the manufacture of solid oral dosage forms capsules and tablets, after adding relevant excipients.

This product is part of our PureActives[®] range.

All our PureActives[®] antibiotic products are produced using our proprietary, sustainable, and environmentally friendly enzymatic technology. They bring our brand promise to life through superior quality, outstanding reliability and leading sustainability performance.

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: Puricillin® Compacted grade A (Ampicillin Trihydrate, compacted)

Pharmacopeia quality	USP, EP, IP	
Regulatory information	EU: EDQM Russian Federation: DoH Australia: TGA	India: MoH Bangladesh: MoH Taiwan: DoH
Appearance	White or almost white crystalline powder	
Assay (anhydrous basis)	Ampicillin: 96.0–102.0%	
pH	3.5 - 5.5	
Water	12.0 to 15.0%	
Tapped bulk density	≥ 0.78 g/ml	
Total impurities	≤ 2.0%	
Residual solvents	≤ 3000 ppm	
Dimethylaniline	Not used in the process	
Shelf-life	5 years in the original packaging under storage conditions	
Batch size	Approximately 1500 kg	
Storage conditions	Below 25°C, protected from light and moisture	
Packaging	Primary packaging: polyethylene bag	
	Secondary packaging: thermo-sealed aluminum polyethylene bag	
	Outer packaging: corrugated box or HDPE drum	
	Fixed quantity of 25 kg packed in each bag	

Contact and information

For more information, please visit www.dsm-sinochem.com or e-mail: info@dsm-sinochem.com or contact us at one of the addresses below:

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VA22.09.2017