



# Purilex<sup>®</sup> Compacted

(Cefalexin Monohydrate)



## Therapeutical category:

Oral broad-spectrum cephalosporin



## 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 odor of the product, with the exception of acetone used for the final product wash.



## Applications:

The product is suitable for the manufacture of solid dosage forms, such as capsules, after addition of excipients.

### This product is part of our PureActives<sup>®</sup> range.

All our PureActives<sup>®</sup> 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: Purilex<sup>®</sup> Compacted (Cefalexin Monohydrate)

<b>Pharmacopeia quality</b>	USP, EP, IP	
<b>Regulatory information</b>	USA: FDA EU:EDQM Canada: HPB Japan: PMDA India: MoH South Korea: KFDA	Australia: TGA China: CFDA Japan: PMDA Taiwan: DoH Bangladesh: Moh Brazil: ANVISA
<b>Appearance</b>	White or almost white powder with granules	
<b>Assay (anhydrous basis)</b>	Cefalexin: 97.0–102.0% (at release)	
<b>pH</b>	4.0 - 5.5	
<b>Water</b>	4.0% - 8.0%	
<b>Tapped bulk density</b>	≥ 0.75 g/ml	
<b>Total impurities</b>	≤ 3.0%	
<b>Residual solvents</b>	Acetone <0.2% (washing step)	
<b>Dimethylaniline</b>	Not used in the process	
<b>Shelf-life</b>	Minimum 4 years (prod. DSP Spain) or 3 years (prod. DSP China) in the original packaging under storage conditions	
<b>Batch size</b>	Approximately 1500 - 2400 kg (depending on manufacturing site)	
<b>Storage conditions</b>	Below 25°C	
<b>Packaging</b>	Primary packaging: polyethylene bag	
	Secondary packaging: thermo-sealed aluminum polyethylene bag	
	Outer packaging: corrugated box	
	Fixed quantity of 25 kg packed in each bag	

### 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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VAPFS 25.08.2017