

## CERTIFICATE OF ANALYSIS

Product : **TICARCILLIN DISODIUM / CLAVULANATE POTASSIUM 15:1**  
 Product number : T0190  
 Batch number : 015139  
 Date of production : xx-04-2019  
 Date of expiry : 30-04-2021

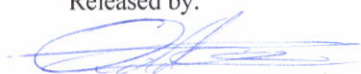
Packaging and storage : store dry at 2 – 8 °C, this product is hygroscopic

	SPECIFICATION	RESULT	UNITS	REMARKS
Description	white to yellowish powder	complies		
Identification	conform	complies		HPLC
Solubility	clear colourless solution	complies		
Water	≤ 4.2	2.4	%	Karl Fischer
pH	5.5 – 7.5	7.0		
Assay clavulanic acid	≥ 50	56.0	µg/mg	dried substance
Assay ticarcillin	≥ 750	832.0	µg/mg	dried substance
Related substances:				
- Impurity A	< 4.0	0.51	%	
- Impurity B	< 2.5	0.49	%	
Bacterial endotoxins	< 0.07	complies	EU/mg	
Particulate matter	conform	complies		

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

Conclusion: approved

Released by:



Date: 15-01-2020

drs. Q. de Hoog, pharmacist  
 Department of Quality Control Duchefa B.V.

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

Duchefa Biochemie B.V.