

DUDATE





Fraunhofer TESTED® DEVICE Jung Gummitechnik GmbH Jugitec Pharma Report No. JU 1504-756

Statement of Qualification

Hydrogen Peroxide Absorption/Desorption

Statement of Qualification

Customer:	Jung Gummitechnik GmbH Robert-Bosch-Straße 12 64683 Einhausen Germany	Test result/Classification:	Ø k-value [min]Standard d [min]0.50.6	1]	
Component tested Category: Subcategory:	Materials Consumables		The k-value (expressed in minutes) rep to reduce the hydrogen peroxide vapor beginning of the aeration phase to one The material classification is based on t blank value of the test setup is subtrac The average k-value is transferred to the • <5 min:	or concentration measured at the tenth of the original concentration. three separate measurements. The ted from each measurement value. he following classification:	
Product name:	Jugitec Pharma (manufacturing date: 3/2015; color: black/white; type: 17BL06 180F; charge number: 19884)		 5-15 min: 15-60 min: > 60 min: Not determinable: 	average	
Hydrogen peroxide absorption/desorption: Methodics:	 Material exposure to vaporized hydrogen peroxide for a defined duration using an emission test cell Aeration (with ambient air) of the test setup with continuous monitoring of the decreasing hydrogen peroxide concentration Calculation of the k-value as time needed to reach 1/10 of the maximum hydrogen peroxide concentration measured at start of the aeration 		The k-value can only be used to make Provided the maximum hydrogen pero material exposure is within the defined lated k-values. Remark: Only the side of the glove that has been analyzed.	ixide vapor concentration during d limit, it does not affect the calcu-	
Air-conditioned laboratory environment parameters: Test procedure parameters:	Temperature: $22 ^{\circ}C \pm 0.5 ^{\circ}C$ • Chamber diameter:				
		and international standards. In cases where no nation regulations and norms applicable at the time of the te	alification tests are calibrated at regular intervals; their results can be traced back to national here no national standards exist, the test procedure implemented complies with the technical e time of the test. The relevant documentation can be viewed on request at any time. environment and parameters, please refer to the Fraunhofer IPA test report.		
		Fraunhofer Institute for Manufacturing Engineering and Automation IPA Department of Ultraclean Technology and Micromanufacturing	Stuttgart, May 26, 2015 Place, date of first document issued Place, current date	This document only applies to the named product in an unchanged state and is valid from the date of issue for a period of 5 years. The document can be verified under	
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