



# Specification

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1.15940.0025 Crystal violet (C.I. 42555) for microscopy Certistain®

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Specification		
Dye content (spectrophotometrically)	≥ 88	%
Identity (UV/VIS-Spectrum)	passes test	
Absorption maximum $\lambda_{\max}$ (water)	589 - 594	nm
Spec. Absorptivity A 1%/1cm ( $\lambda_{\max}$ ; 0.002 g/l; water)	2050 - 2450	
TLC-Test	passes test	
Michler`s ketone	< 0.10	%
Loss on drying (110 °C)	≤ 10	%
Suitability for microscopy	passes test	
gram-positive microorganisms	blue-violet	
gram-negative microorganisms	pink to red	

Dr. Timm Schlegelmilch  
Responsible laboratory manager quality control

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