



# Specification

1.01408.0025 Crystal violet (C.I. 42555) indicator ACS,Reag. Ph Eur

Specification		
Dye content (spectrophotometrically; calc. on dried substance)	≥ 90.0	%
Identity (UV/VIS-Spectrum)	passes test	
Absorbance characteristics (Ratio, E ( $\lambda_{\max} - 15 \text{ nm}$ )/E ( $\lambda_{\max} + 15 \text{ nm}$ ))	0.98 - 1.20	
Absorption maximum $\lambda_{\max}$ (water)	589 - 594	nm
Spec. Absorptivity A 1%/1cm ( $\lambda_{\max}$ ; 0.002 g/l; water)	2000 - 2450	
TLC-Test	passes test	
Michler`s ketone	< 0.10 %	%
Loss on drying (110 °C, 4 h)	≤ 7.5	%
Suitability as indicator (ACS)	passes test	
Suitability as indicator (Reag. Ph. Eur.)	passes test	

Dr. Ralf Burgert

Responsible laboratory manager quality control

This document has been produced electronically and is valid without a signature.