

Certificate of Analysis

product name: Crystal violet
product number: 101408
CAS Number: 548-62-9
batch: 1854642 5071
Formula: C25H30ClN3

batch values

Dye content (spectrophotometrically; calc. on dried substance)	≥ 90.0	%
Identity (UV/VIS-Spectrum)	passes test	
Absorbance characteristics (Ratio, E (λ _{max} - 15 nm)/E (λ _{max} + 15 nm))	0.98 - 1.20	
Absorption maximum λ _{max} (water)	589 - 594	nm
Spec. Absorptivity A 1%/1cm (λ _{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	

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