



# Certificate of Analysis

1.04724.0025 Indigo carmine (C.I. 73015) for analysis  
Batch K55504424

	Spec. Values		Batch Values	
Dye content (spectrophotometrically)	≥ 80	%	94	%
Identity (UV/VIS-Spectrum)	passes test		passes test	
Absorption maximum $\lambda_{\text{max}}$ (water)	608 - 612	nm	608 - 612	nm
Spec. Absorptivity A 1%/1cm ( $\lambda_{\text{max}}$ ; 0.01 g/l; water)	380 - 475		444	
TLC-Test	passes test		passes test	
Loss on drying (110 °C)	≤ 10	%	3	%

Date of release (DD.MM.YYYY) 07.09.2023  
Minimum shelf life (DD.MM.YYYY) 30.09.2028

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Responsible laboratory manager quality control

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