



Certificate of Analysis

1.04724.0025 Indigo carmine (C.I. 73015) for analysis
Batch K52449424

	Spec. Values		Batch Values	
Dye content (spectrophotometrically)	≥ 80	%	91	%
Identity (UV/VIS-Spectrum)	passes test		passes test	
Absorption maximum λ_{\max} (water)	608 - 612	nm	608 - 612	nm
Spec. Absorptivity A 1%/1cm (λ_{\max} ; 0.01 g/l; water)	380 - 475		432	
TLC-Test	passes test		passes test	
Loss on drying (110 °C)	≤ 10	%	5	%

Date of release (DD.MM.YYYY) 18.05.2020
Minimum shelf life (DD.MM.YYYY) 31.05.2025

Dr. Michael Memmel
Responsible laboratory manager quality control

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