



Certificate of Analysis

1.01307.0000 Titan yellow (C.I. 19540) indicator Reag. Ph Eur
Batch K55504107

	Spec. Values		Batch Values	
Identity (UV/VIS-Spectrum)	passes test		passes test	
Absorption maximum λ_{\max} . (buffer pH 7.0)	398 - 402	nm	398 - 402	nm
Spec. Absorptivity A 1%/1cm (λ_{\max} ; 0.01 g/l; buffer pH 7.0; calc. on dried substance)	≥ 350		≥ 350	
Transition range	pH 12.0 - pH 13.0 Yellow - orange		passes test	
Loss on drying (110 °C)	≤ 8	%	3	%
Suitability as reagent (for magnesium)	passes test		passes test	

Date of release (DD.MM.YYYY) 30.08.2023
Minimum shelf life (DD.MM.YYYY) 31.08.2028

Dr. Michael Memmel
Responsible laboratory manager quality control

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