



# Certificate of Analysis

1.00255.0005 Diphenylamine-4-sulfonic acid barium salt redox indicator  
Batch K55522855

	Spec. Values		Batch Values	
Identity (IR-spectrum)	passes test		passes test	
Absorption maximum $\lambda_{\max}$ (water)	290 - 295	nm	290 - 295	nm
Spec. Absorptivity A 1%/1cm ( $\lambda_{\max}$ ; 0.001 %; water; calculated on dried substance)	600 - 700		649	
Loss on Drying (105 °C)	≤ 5	%	< 1	%
Suitability as redox indicator	passes test		passes test	

Date of release (DD.MM.YYYY) 11.09.2023  
Minimum shelf life (DD.MM.YYYY) 30.09.2028

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Responsible laboratory manager quality control

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