



Certificate of Analysis

1.07233.0025 Phenolphthalein indicator ACS, Reag. Ph Eur
Batch K52412833

	Spec. Values		Batch Values	
Identity (UV/VIS-Spectrum)	passes test		passes test	
Appearance	White to yellowish white powder		passes test	
Clarity of the alcoholic solution (10 g/l ethanol)	passes test		passes test	
Absorption maximum λ_{\max} (buffer pH 9.8)	551 - 554	nm	551 - 554	nm
Spec. Absorptivity A 1%/1cm (λ_{\max} ; 0.01 g/l; buffer pH 9.8; calculated on dried substance)	700 - 750		704	
Transition range	pH 8.2 - pH 9.8 almost colorless - red-violet		passes test	
Transition range (according to ACS)	passes test		passes test	
Transition interval (according Reag. Ph Eur)	passes test		passes test	
Loss on drying (105 °C)	≤ 1	%	< 1	%

Date of release (DD.MM.YYYY) 06.05.2020
Minimum shelf life (DD.MM.YYYY) 31.05.2025

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Responsible laboratory manager quality control

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