

## Specification

## 1.08677.0000 Xylenol orange tetrasodium salt metal indicator ACS,Reag. Ph Eur

Appearance of solution (1 g/l; water) passes test  Absorption maximum $\lambda_{max}$ . 582 - 585 nm  (Sodium hydroxide solution 0.1 mol/l)  Spec. Absorptivity A 1%/1cm ( $\lambda_{max}$ ; 0.01 g/l; 580 - 790  Sodium hydroxide solution 0.1 mol/l; calc. on dried substances)  Loss on drying (110 °C) $\leq$ 7 %		Specification	
Absorption maximum $\lambda_{max}$ . 582 - 585 nm (Sodium hydroxide solution 0.1 mol/I) Spec. Absorptivity A 1%/1cm ( $\lambda_{max}$ , 0.01 g/I; 580 - 790 Sodium hydroxide solution 0.1 mol/I; calc. on dried substances) Loss on drying (110 °C) $\leq$ 7 %	Identity (UV/VIS-Spectrum)	passes test	
Sodium hydroxide solution 0.1 mol/l)  Spec. Absorptivity A 1%/1cm ( $\lambda_{max}$ ; 0.01 g/l; 580 - 790  Sodium hydroxide solution 0.1 mol/l; calc. on dried substances)  Loss on drying (110 °C) $\leq$ 7 %	Appearance of solution (1 g/l; water)	passes test	
Sodium hydroxide solution 0.1 mol/l; calc. on dried substances)  Loss on drying (110 °C) ≤ 7 %	Absorption maximum $\lambda_{\text{max.}}$ (Sodium hydroxide solution 0.1 mol/l)	582 - 585	nm
·· -·· <b>/</b> ··· <b>3</b> ( · · · · - /	Spec. Absorptivity A 1%/1cm ( $\lambda_{max.}$ ; 0.01 g/l; Sodium hydroxide solution 0.1 mol/l; calc. on dried substances)		
Suitability as indicator (for motal titration)	Loss on drying (110 °C)	≤ 7	%
Suitability as indicator (for metal titration) passes test	Suitability as indicator (for metal titration)	passes test	
Sensitivity test passes test	Sensitivity test	passes test	

Dr. Michael Memmel

Responsible laboratory manager quality control

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