



# Specification

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

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

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Dr. Michael Memmel  
Responsible laboratory manager quality control

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