



Certificate of Analysis

1.03170.0025 Eriochrome black T (C.I. 14645) indicator for complexometry ACS,Reag. Ph
Eur
Batch K51610370

	Spec. Values	Batch Values
Identity (UV/VIS-Spectrum)	passes test	passes test
Appearance	Black to dark brown-black fine powder, eventually with granular parts	passes test
Clarity of solution	passes test	passes test
Absorption maximum λ_{\max} (buffer pH 10.0)	612 - 616 nm	612 - 616 nm
Spec. Absorptivity A 1%/1cm (λ_{\max} ; 0.02 g/l; buffer pH 10.0; calc. on dried substance)	400 - 510	436
Loss on drying (110 °C)	≤ 7 %	6 %
Suitability as indicator (for complexometric titration, ACS)	passes test	passes test
Suitability as indicator (Reag. Ph Eur)	passes test	passes test

Date of release (DD.MM.YYYY) 08.07.2019
Minimum shelf life (DD.MM.YYYY) 31.07.2024

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Responsible laboratory manager quality control

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