Specification

1.03170.0000 Eriochrome black T (C.I. 14645) indicator for complexometry ACS,Reag. Ph Eur

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

Dr. Michael Memmel
Responsible laboratory manager quality control

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