



Specification

1.07225.0010 1,10-Phenanthroline monohydrate GR ACS

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Assay (Perchloric acid titration, calc. on anhydrous substance)	≥ 99.5	%
Identity (IR-spectrum)	conforms	
Suitability as redox indicator	conforms	
Suitability for determining iron	conforms	
Melting point (anhydrous substance)	117 - 120	°C
substances insoluble in ethanol	conforms	
Water (according to Karl Fischer)	8.5 - 11.0	%

Dr. Sebastian Lips

Responsible laboratory manager quality control

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