



# Certificate of Analysis

1.00807.1000 Trichloroacetic acid for analysis EMSURE® ACS, Reag. Ph Eur  
Batch K55859407

	Spec. Values		Batch Values	
Assay (alkalimetric)	≥ 99.5	%	100.1	%
Identity (IR-spectrum)	passes test		passes test	
Appearance	colorless, deliquescent crystals		passes test	
Appearance of solution (200 g/l; water)	clear and colorless		passes test	
In water insoluble matter	≤ 0.01	%	≤ 0.01	%
Chloride (Cl)	≤ 10	ppm	≤ 10	ppm
Nitrate (NO <sub>3</sub> )	≤ 20	ppm	≤ 20	ppm
Phosphate (PO <sub>4</sub> )	≤ 5	ppm	≤ 5	ppm
Sulfate (SO <sub>4</sub> )	≤ 200	ppm	≤ 200	ppm
Heavy metals (as Pb)	≤ 20	ppm	≤ 20	ppm
Cu (Copper)	≤ 5	ppm	≤ 5	ppm
Fe (Iron)	≤ 10	ppm	≤ 10	ppm
Readily carbonisable substance	passes test		passes test	
Sulfated ash (600 °C)	≤ 300	ppm	≤ 300	ppm

Date of release (DD.MM.YYYY) 15.03.2024  
Minimum shelf life (DD.MM.YYYY) 31.03.2027

Dr. Sebastian Lips  
Responsible laboratory manager quality control

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