

# Eppendorf Certificate

## Certificate of Quality

### Eppendorf Serological Pipets: Typical values for trace metals

The values in the table indicate typical values of trace metal concentrations which are obtained after incubating Eppendorf Serological Pipets, 5 mL, with water for 1 hour at room temperature (see: Materials and Methods). As the indicated values were determined in a one-time measurement, they cannot be guaranteed for every lot of Eppendorf Serological Pipets. Rather, they give the customer an idea to what extent trace elements can be eluted from Eppendorf Serological Pipets. As the same raw material and production process is used for the production of all Eppendorf Serological Pipets similar values can be expected for all formats and lots.

Trace Metal Analysis												
Product	Order No	Al	Pb	Cd	Ca	Cr	Cu	Mg	Mn	Ni	Hg	Zn
Eppendorf Serological Pipet, 5 mL	0030720113	< 0.001	< 0.00005	< 0.00002	< 0.001	< 0.00005	< 0.0001	< 0.0001	< 0.00005	< 0.00005	< 0.001	< 0.001

### Material and Methods

Eppendorf Serological Pipets, 5 mL, were filled with their nominal volume with ultrapure water and incubated for 1 hour at room temperature. The incubated water was then analyzed by Inductively Coupled Plasma – Mass Spectrometry (ICP-MS). The trace metal concentrations are expressed in ng/μL. The values are the average of three samples individually analyzed. All values labeled with “<” indicate concentrations below the detection limit of the ICP-MS method (All analyses were performed by GALAB® Laboratories, Geesthacht, Germany accredited to DIN ISO/EC 17025).

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Dr. Daniel Wehrhahn  
Global Product Manager Consumables



Dr. Birgit Schreiber  
Vice President Quality Management & Regulatory Affairs

Your local distributor: [www.eppendorf.com/contact](http://www.eppendorf.com/contact)  
Eppendorf AG · 22331 Hamburg · Germany  
E-mail: [eppendorf@eppendorf.com](mailto:eppendorf@eppendorf.com)

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