



# Certificate of Analysis

1.01217.0100 Ammonium sulfate for analysis EMSURE® ACS,ISO,Reag. Ph Eur  
Batch AM1520517

	Spec. Values		Batch Values	
Assay (alkalimetric)	≥ 99.5	%	100.1	%
Insoluble matter	≤ 0.001	%	≤ 0.001	%
pH-value (5 %; water, 25 °C)	5.0 - 6.0		5.3	
Chloride (Cl)	≤ 0.0003	%	≤ 0.0003	%
Nitrate (NO <sub>3</sub> )	≤ 0.001	%	≤ 0.001	%
Phosphate (PO <sub>4</sub> )	≤ 0.0005	%	≤ 0.0005	%
Heavy metals (ACS)	≤ 0.0005	%	≤ 0.0005	%
Heavy metals (as Pb)	≤ 0.0005	%	≤ 0.0005	%
Al (Aluminium)	≤ 0.000075	%	≤ 0.000075	%
As (Arsenic)	≤ 0.00002	%	≤ 0.00002	%
Ca (Calcium)	≤ 0.001	%	≤ 0.001	%
Cd (Cadmium)	≤ 0.0001	%	≤ 0.0001	%
Cr (Chromium)	≤ 0.000075	%	≤ 0.000075	%
Cu (Copper)	≤ 0.0002	%	≤ 0.0002	%
Fe (Iron)	≤ 0.0002	%	≤ 0.0002	%
Mg (Magnesium)	≤ 0.0005	%	≤ 0.0005	%
Pb (Lead)	≤ 0.0002	%	≤ 0.0002	%
Zn (Zinc)	≤ 0.0001	%	≤ 0.0001	%
Residue on ignition (as sulfate)	≤ 0.005	%	≤ 0.005	%
Loss on Drying (105 °C)	≤ 0.1	%	≤ 0.1	%

Corresponds to ACS,ISO,Reag. Ph Eur

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