



# Specification

1.01145.0000 Ammonium chloride for analysis EMSURE® ACS,ISO,Reag. Ph Eur

	Spec. Values	
Assay (argentometric)	≥ 99.8	%
Assay (argentometric; calculated on dried substance)	99.0 - 100.5	%
Identity	passes test	
Appearance of solution	passes test	
Insoluble matter	≤ 0.005	%
Acidity or alkalinity	passes test	
pH-value (5 %; water, 25 °C)	4.5 - 5.5	
Bromide, Iodide (Br,I)	passes test	
Nitrate (NO <sub>3</sub> )	≤ 0.0005	%
Phosphate (PO <sub>4</sub> )	≤ 0.0002	%
Sulfate (SO <sub>4</sub> )	≤ 0.002	%
Heavy metals (ACS)	≤ 0.0005	%
Ca (Calcium)	≤ 0.0005	%
Cu (Copper)	≤ 0.0002	%
Fe (Iron)	≤ 0.0002	%
K (Potassium)	≤ 0.005	%
Mg (Magnesium)	≤ 0.0005	%
Na (Sodium)	≤ 0.005	%
Ni (Nickel)	≤ 0.0001	%
Pb (Lead)	≤ 0.0001	%
Zn (Zinc)	≤ 0.0002	%
Loss on Drying (105 °C)	≤ 1.0	%
Residue on ignition (as sulfate)	≤ 0.01	%

Corresponds to ACS,ISO,Reag. Ph Eur

Kristin Haufschildt

Responsible laboratory manager quality control

This document has been produced electronically and is valid without a signature.