

SPECIFICATION SHEET

Product Name : Ammonium Chloride, ACS, ISO, Reag. Ph Eur
Product Number : 903.036
Brand : ISOLAB
CAS Number : 12125-02-9
Formula : NH_4Cl
Formula Weight : 53.49 g/mol

TEST NAME	SPECIFICATION	UNIT
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 - 5.6	
Bromide, Iodide (Br,I)	passes test	
Nitrate (NO_3)	≤ 0.0005 %	%
Sulphate (SO_4)	≤ 0.002 %	%
Heavy metals (as Pb)	≤ 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 sulphate)	≤ 0.01 %	%

Quality Management
Isolab Laborgerate GmbH

