



SPECIFICATION SHEET

Product Name	:	Ammonium Chloride ACS,ISO,Reag. Ph Eur
Product Number	:	903.036
Brand	:	ISOLAB
CAS Number	:	12125-02-9
Formula	:	NH ₄ Cl
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

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