

**SPECIFICATION SHEET**

**Product Name** : Ammonium Chloride, Extra pure Ph Eur, BP, USP  
**Product Number** : 903.033  
**Brand** : ISOLAB  
**CAS Number** : 12125-02-9  
**Formula** :  $\text{NH}_4\text{Cl}$   
**Formula Weight** : 53.49 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay	≥ 99.7 %	%
Identity	passes test	
Appearance of solution	passes test	
Acidity or alkalinity	passes test	
Ash	≤ 0.05 %	%
Sulphated Ash	≤ 0.1 %	%
Sodium Chloride	≤ 0.05 %	%
Water	≤ 0.1 %	%
pH-value	4.6 - 6.0	
Bromide, Iodide (Br,I)	passes test	
Sulphate (SO <sub>4</sub> )	≤ 0.015 %	%
Thiocyanate	passes test	
Heavy metals (as Pb)	≤ 0.001 %	%
As (Arsenic)	≤ 0.0001 %	%
Ca (Calcium)	≤ 0.001 %	%
Cd (Cadmium)	≤ 0.0001 %	%
Fe (Iron)	≤ 0.0003 %	%
Hg (mercury)	≤ 0.00001 %	%
Pb (Lead)	≤ 0.0001 %	%
Loss on Drying	≤ 0.5 %	%
Residue on ignition	≤ 0.1 %	%

Quality Management  
 Isolab Laborgerate GmbH

