

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Ammonium Chloride 99.5% AR

Catalog Number : O-5020

Batch Number : 5020-00000000

CAS Number : 12125-02-9

Molecular Weight : 53.49 g/mol

Mol. Formula : NH_4Cl

Expire Date : 60 months

SAMPLE

No	Test	Specifications	Results
1	Appearance	White crystalline powder	White crystalline powder
2	Assay (as NH_4Cl ; on anhydrous basis)	min 99.5 %	99.865%
3	pH (5% Solution in water at 25 °C)	4.5 – 5.5	5.2
4	Insoluble matter (10 % in water)	max 0.005 %	0.0018%
5	Residu after ignition	max 0.01 %	0.009%
6	Sulphate (SO_4)	max 0.002 %	0.0005%
7	Phosphate (PO_4)	max 0.0002 %	0.00006%
8	Calcium (Ca)	max 0.001 %	0.0009%
9	Magnesium (Mg)	max 0.0005 %	0.00012%
10	Heavy metals (as Pb)	max 0.0005 %	0.00024%
11	Iron (Fe)	max 0.0002 %	0.00017%
12	Nitrate (NO_3)	max 0.0005 %	0.00028%

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIROS S.Si.
Manager QC