

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Ammonium Acetate 98% AR

Catalog Number : O-5016

Batch Number : 5016-00000000

CAS Number : 631-61-8

Molecular Weight : 77.08 g/mol

Mol. Formula : $\text{CH}_3\text{COONH}_4$

Expire Date : 60 months

SAMPLE

No	Test	Specifications	Results
1	Appearance	Colorless hygroscopic crystals with faint odour	Colorless hygroscopic crystals with faint odor
2	Assay (acidimetric)	min 98.0 %	98.77%
3	Water (H_2O)	max 2.5 %	1.84%
4	pH(5% Solution) at 25 °C	6.7 – 7.3	6.84
5	Insoluble matter (10 % in water)	max 0.005 %	0.0015%
6	Residu on ignition (as ash)	max 0.01 %	0.006%
7	Phosphate (PO_4)	max 0.0005 %	0.000021%
8	Chloride (Cl)	max 0.0005 %	0.00016%
9	Nitrate (NO_3)	max 0.001 %	0.00026%
10	Sulphate (SO_4)	max 0.001 %	0.00044%
11	Heavy metals (as Pb)	max 0.0005 %	0.000021%
12	Iron (Fe)	max 0.0005 %	0.000076%
13	Calcium (Ca)	max 0.001 %	0.0002 %
14	Copper (Cu)	max 0.0001 %	0.00004 %
15	Magnesium (Mg)	max 0.0004 %	0.00023 %
16	Reducing substances by KMnO_4 (as O)	max 0.005 %	0.0012%

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specificationSUDIROS.S.Si.
Manager QC