

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Ammonium Bicarbonate 99% AR

Catalog Number : O-5017

Batch Number : 5017-00000000

CAS Number : 1066-33-7

Molecular Weight : 79.06 g/mol

Mol. Formula : NH_4HCO_3

Expire Date : 60 Months

SAMPLE

No	Test	Specifications	Results
1	Appearance	White hygroscopic crystalline powder	White hygroscopic crystalline powder
2	Assay (acidimetric)	min 99.0 %	99.89%
3	Insoluble matter	max 0.003 %	0.0012%
4	Non-volatile matter	max 0.005 %	0.003%
5	Chloride (Cl)	max 0.0002 %	0.00007%
6	Phosphate (PO_4)	max 0.001 %	0.0001%
7	Silicate (SiO_2)	max 0.005 %	0.0018%
8	Sulphate (SO_4)	max 0.002 %	0.00079%
9	Sulphide (S)	max 0.0002 %	0.000007%
10	Arsenic (As)	max 0.00004 %	0.00001%
11	Calcium (Ca)	max 0.002 %	0.00162%
12	Copper (Cu)	max 0.0002 %	0.000009%
13	Iron (Fe)	max 0.0005 %	0.000048%
14	Lead (Pb)	max 0.0002 %	0.000088%
14	Magnesium (Mg)	max 0.002 %	0.000778%
15	Potassium (K)	max 0.002 %	0.0004%
16	Sodium (Na)	max 0.005 %	0.0028%

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC