

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Ammonium Carbonate AR

Catalog Number : O-5018

Batch Number : 5018-00000000

CAS Number : 506-87-6

Molecular Weight : 96.09 g/mol

Mol. Formula : $(\text{NH}_4)_2\text{CO}_3$

Expire Date : 60 months

SAMPLE

No	Test	Specifications	Results
1	Appearance	White powder or crystals and/or chunks having ammonical odour	White powder having ammonical odour
2	Assay (acidimetric, NH_3)	min 31.0 %	33.88%
3	Insoluble matter in water	max 0.005 %	0.0026%
4	Non-volatile matter	max 0.01 %	0.0029%
5	Chloride (Cl)	max 0.0005 %	0.00012%
6	Sulphur compounds (as SO_4)	max 0.002 %	0.00018%
7	Heavy metals (as Pb)	max 0.0005 %	0.000028%
8	Iron (Fe)	max 0.0005 %	0.00028%
Naote :			
NH_3 equivalent to 95.3 % of $\text{NH}_4\text{HCO}_3 \cdot \text{NH}_2\text{COONH}_4$			

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC