



PT. SMART LAB INDONESIA

MANUFACTURER OF ANALYTICAL REAGENTS

F/QCL/009 Rev.03

CERTIFICATE OF ANALYSIS

Product Name : Ammonium Acetate AR

Mol. Formula : CH₃COONH₄

Mol. Weight : 77.08 g/mol

Catalog No. : A-2001

Batch No. : Sample COA

Cas No : 631-61-8

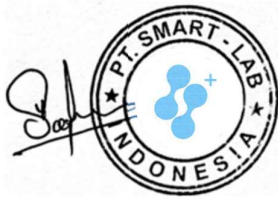
Shelf Life : 60 Months

NO.	TESTS	UNITS	SPECIFICATIONS	RESULTS
1.	Appearance	–	Colorless hygroscopic crystals with faint odor	Colorless hygroscopic crystals with faint odor
2.	Assay (acidimetric)	wt %	min 97.0	99.243
3.	pH (5% Solution) at 25 °C	–	6.7 – 7.3	7.062
4.	Insoluble matter	Wt %	max 0.005	0.00056
5.	Residue after ignition	wt %	max 0.01	0.0071
6.	Chloride (Cl)	wt %	max 0.0005	0.00033
7.	Nitrate (NO ₃)	wt %	max 0.001	< 0.001
8.	Sulphate (SO ₄)	wt %	max 0.001	< 0.001
9.	Heavy metals (as Pb)	wt %	max 0.0005	< 0.000001
10.	Iron (Fe)	wt %	max 0.0005	< 0.000086
11.	Water	wt %	max 2.5	2.117

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

Result: The above product corresponds to AR Grade

Reference or standard of product specification to Analar standard and ACS specification



Yuvraj Sagvekar
Manager QC