



## CERTIFICATE OF ANALYSIS

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Product	Ammonium Carbonate
Grade	ACS
Product Code	AB0058
Formula	$(\text{NH}_4)_2\text{CO}_3$
MW	96.09
CAS#	506-87-6
Lot No	

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Test Items	Specifications	Results
Appearance	White powder or chunks	
Solubility	Clear, Colorless Solution	
Assay (% $\text{NH}_3$ , Titration by NaOH)	$\geq 30.0\%$	
Nonvolatile Matter	$\leq 0.01\%$	
Insoluble Matter (20%, $\text{H}_2\text{O}$ )	$\leq 0.005\%$	
Chloride (Cl)	$\leq 5$ ppm	
Iron (Fe)	$\leq 5$ ppm	
Heavy Metals (as Pb)	$\leq 5$ ppm	
Sulfur Compounds (as $\text{SO}_4$ )	$\leq 0.002\%$	

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Storage: 18~25°C