

Certificate of Analysis (COA)

Product Name: Ammonium Bicarbonate

Chemical Formula: NH_4HCO_3

CAS No.: 1066-33-7

Batch No.: AB-2403-01

Manufacturing Date: March 2026

Expiry Date: March 2028

Standard: Food Grade / Technical Grade (depending on supplier)

Test Parameter	Specification	Result
Appearance	White crystalline powder	Conforms
Assay (NH_4HCO_3)	$\geq 99.0 \%$	99.35 %
Chloride (Cl)	$\leq 0.003 \%$	0.002 %
Sulfate (SO_4)	$\leq 0.007 \%$	0.005 %
Iron (Fe)	$\leq 0.002 \%$	0.001 %
Heavy Metals (Pb)	$\leq 5 \text{ ppm}$	<5 ppm
Residue on Ignition	$\leq 0.008 \%$	0.006 %
Moisture	$\leq 0.5 \%$	0.32 %
Arsenic (As)	$\leq 2 \text{ ppm}$	<2 ppm

REMARKS:

This is to certify that the above-mentioned batch has been analyzed at the time of quality release and has been found to be complying with the label claim/prescribed specifications.