

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	01682
<b>Lot Number</b>	000996-016312290
<b>Product</b>	<b>Ammonium bicarbonate</b> Ammonium hydrogen carbonate
<b>CAS Number</b>	1066-33-7
<b>Molecular Formula</b>	CH <sub>5</sub> NO <sub>3</sub>
<b>Molecular Weight</b>	79.06

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<b>Appearance</b>	White crystalline powder
<b>Anion</b>	Chloride : < 0.003% Sulfate : < 0.007%
<b>Cation</b>	Lead (Pb) : < 3 mg/Kg
<b>Particle Size</b>	Particles on Mesh 25 : 0.4% Particles on Mesh 70 : 25.4%
<b>Assay</b>	99.5%
<b>Grade</b>	Meets FCC specification
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Identification : Positive for Ammonium and Bicarbonate. Carbon dioxide (CO <sub>2</sub> ) : 55.39% (calculated) Ammonia (NH <sub>3</sub> ) : 21.43% (calculated) Nonvolatile Residue : 0.54%
<b>Remarks</b>	See material safety data sheet for additional information  For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager