

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	00707
<b>Lot Number</b>	001253-09937608
<b>Product</b>	<b>Ammonium hydroxide solution</b> Aqueous ammonia
<b>CAS Number</b>	1336-21-6
<b>Molecular Formula</b>	NH <sub>4</sub> OH
<b>Molecular Weight</b>	35.5

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<b>Appearance</b>	Clear, colorless liquid
<b>Heavy Metals</b>	< 0.5 ppm (as Pb)
<b>Anion</b>	Chloride (Cl) : < 0.5 ppm Nitrate (NO <sub>3</sub> ) : < 2 ppm Phosphate (PO <sub>4</sub> ) : < 2 ppm Sulfate (SO <sub>4</sub> ) : < 2 ppm
<b>Cation</b>	Iron (Fe) : < 0.2 ppm
<b>Assay by titration</b>	28.7% (as NH <sub>3</sub> )
<b>Grade</b>	ACS reagent
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Residue after ignition : < 0.002% Carbon Dioxide : < 0.002% Substances reducing permanganate : Passes test
<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