

**SISCO CHEM**

Laboratory Chemicals &amp; Reagents

CIN No: U24110MH1998PTC114594

ISO 9001:2015 Certified company

**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	<b>AMMONIA SOLUTION</b>	<b>NH<sub>3</sub></b>	
<b>Synonyms</b>	Ammonium hydroxide		
<b>Grade</b>	LR		
<b>CAS NO</b>	1336-21-6		
<b>Molecular Formula</b>	NH <sub>4</sub> OH		
<b>Molecular weight</b>	35.05		
<b>Batch No.</b>		<b>Date of Analysis</b>	
<b>Code No.</b>	0541	<b>Date of Retest</b>	

Sr.	Test	Specifications	Results
1	Appearance	A clear liquid with a pungent odour	Clear colourless liquid with a pungent odour
2	Assay	Min 25%	25.42 %
3	Boiling point	38-100 °C	Complies
4	Non -volatile matter	Max 0.01%	0.0013 %
5	pHvalue	11- 12	11.7
6	Chloride (Cl)	Max 0.001%	0.00004 %
7	Sulphate (SO <sub>4</sub> )	Max 0.002%	0.0002 %
8	Arsenic (As)	Max 0.00002%	< 0.00002 %
9	Iron (Fe)	Max 0.0001%	0.000007 %
10	Lead (Pb)	Max 0.0001%	0.000001 %

The submitted sample complies with the prescribed standards of quality.

Chemist by

Q.C. Incharge