

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **Ammonia solution**  
Specifications & Purity: for LC-MS,  $\geq 25\%$  in H<sub>2</sub>O  
SKU #: **A112084**

Parameter	Limit Values
Sodium(Na)	0-0.01 (ppm)
Beryllium(Be)	0-0.01 (ppm)
(Pb)Lead	0-0.01 (ppm)
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-1 (ppm)
Potassium(K)	0-0.01 (ppm)
Platinum(Pt)	0-0.01 (ppm)
Iron(Fe)	0-0.01 (ppm)
Gallium(Ga)	0-0.01 (ppm)
Barium(Ba)	0-0.01 (ppm)
Cobalt (Co)	0-0.01 (ppm)
Vanadium(V)	0-0.01 (ppm)
Nickel(Ni)	0-0.01 (ppm)
Boron(B)	0-0.01 (ppm)
Evaporation Residue	0-0.001 (%)
Cadmium(Cd)	0-0.01 (ppm)
concentration (as NH <sub>3</sub> )	$\geq 25$ (%)
Chrome(Cr)	0-0.01 (ppm)
Manganese(Mn)	0-0.01 (ppm)
Phosphate(PO <sub>4</sub> )	0-0.4 (ppm)
Bismuth(Bi)	0-0.01 (ppm)
Calcium(Ca)	0-0.5 (ppm)
Zirconium(Zr)	0-0.01 (ppm)
Titanium(Ti)	0-0.01 (ppm)
Molybdenum(Mo)	0-0.01 (ppm)
Stannum(Sn)	0-0.01 (ppm)
Magnesium (Mg)	0-0.01 (ppm)
Lithium(Li)	0-0.01 (ppm)
Zinc(Zn)	0-0.01 (ppm)
Germanium (Ge)	0-0.01 (ppm)
As, Sb (as As):	0-0.01 (ppm)
Indium (In)	0-0.01 (ppm)
Strontium(Sr)	0-0.01 (ppm)

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**Parameter**

Copper(Cu)

Silver (Ag)

Titanium(Ti)

Aurum(Au)

Chloride (Cl-)

Appearance (A112084)

Infrared spectrum

**Limit Values**

0-0.01 (ppm)

0-0.01 (ppm)

0-0.01 (ppm)

0-0.01 (ppm)

0-0.2 (ppm)

Colorless Liquid

Conforms to Structure