

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **Ammonia solution**  
Specifications & Purity:  $\geq 28\%$  NH<sub>3</sub> in H<sub>2</sub>O, Electronic grade  
SKU #: **A112083**

Parameter	Limit Values
Cadmium(Cd)	0-50 (ppb)
Calcium(Ca)	0-0.5 (ppm)
Assay(as NH <sub>3</sub> )	28-30 (%)
Germanium (Ge)	0-50 (ppb)
Magnesium (Mg)	0-50 (ppb)
Beryllium(Be)	0-50 (ppb)
Barium(Ba)	0-50 (ppb)
Stannum(Sn)	0-50 (ppb)
Gallium(Ga)	0-50 (ppb)
Sb	0-50 (ppb)
Aluminum(Al)	0-50 (ppb)
Copper(Cu)	0-40 (ppb)
Cobalt (Co)	0-50 (ppb)
Chrome(Cr)	0-50 (ppb)
Lithium(Li)	0-50 (ppb)
Titanium(Ti)	0-50 (ppb)
Ta	0-50 (ppb)
Zirconium(Zr)	0-50 (ppb)
Chloride (Cl <sup>-</sup> )	0-0.3 (ppm)
Strontium(Sr)	0-50 (ppb)
Silver (Ag)	0-20 (ppb)
Niobium(Nb)	0-50 (ppb)
Sodium(Na)	0-50 (ppb)
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.8 (ppm)
(Pb)Lead	0-25 (ppb)
Potassium(K)	0-50 (ppb)
Manganese(Mn)	0-50 (ppb)
Bismuth(Bi)	0-50 (ppb)
(As)Arsenic	0-50 (ppb)
Molybdenum(Mo)	0-50 (ppb)
Zinc(Zn)	0-30 (ppb)
Phosphate(PO <sub>4</sub> )	0-0.4 (ppm)

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<b>Parameter</b>	<b>Limit Values</b>
Boron(B)	0-50 (ppb)
Vanadium (V)	0-50 (ppb)
Nickel(Ni)	0-20 (ppb)
Titanium(Ti)	0-50 (ppb)
Iron(Fe)	0-50 (ppb)
Aurum(Au)	0-50 (ppb)