

## Technical Data Sheet

<b>Product Name</b>	<b>Ammonia Solution 28-30%</b>		
<b>Product #</b>	<b>KS-00030</b>	<b>CAS #</b>	<b>1336-21-6</b>
For laboratory use, ACS, Ph. Eur.			
<b>Specifications</b>			
Assay (Acidimetric, NH <sub>3</sub> )	≥ 98.0%		
Identity	Passes test		
Appearance	Passes test		
Relative Density (d 20/20)	0.892 -0.910		
Carbonate (CO <sub>2</sub> )	≤ 10ppm		
Chloride (Cl)	≤ 0.3ppm		
Nitrate (NO <sub>3</sub> )	≤ 2ppm		
Phosphate (PO <sub>4</sub> )	≤ 0.5ppm		
Heavy Metals (as Pb)	≤ 0.5ppm		
Silicate (as SiO <sub>2</sub> )	≤ 5ppm		
Sulfate (SO <sub>4</sub> )	≤ 2ppm		
Aluminum (Al)	≤ 0.500ppm		
Arsenic (As)	≤ 0.500ppm		
Barium (Ba)	≤ 0.050ppm		
Bismuth (Bi)	≤ 0.100ppm		
Calcium (Ca)	≤ 0.500ppm		
Cadmium (Cd)	≤ 0.050ppm		

Chromium (Cr)	≤ 0.050ppm
Copper (Cu)	≤ 0.100ppm
Iron (Fe)	≤ 0.100ppm
Gallium (Ga)	≤ 0.020ppm
Potassium (K)	≤ 0.500ppm
Magnesium (Mg)	≤ 0.100ppm
Manganese (Mn)	≤ 0.050ppm
Sodium (Na)	≤ 0.500ppm
Lead (Pb)	≤ 0.050ppm
Tin (Sn)	≤ 0.100ppm
Titanium (Ti)	≤ 0.100ppm
Zinc (Zn)	≤ 0.100ppm
Pyridine and Related Substances	≤ 2ppm
Substances Reducing KMnO <sub>4</sub>	≤ 5ppm
Residue on Ignition	≤ 10ppm
Non Volatile Matter	≤ 10ppm

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