

# Technical Specification

**PRODUCT : Ammonia solution 20 - 22 % RS - Superpure - For trace analysis at ppb level**

**CODE : 420170**

**MOLECULAR WEIGHT :35,05**

**CAS N° : 1336-21-6**

**FORMULA : NH4OH**

TEST	U.M.	SPECIFICATION
Assay (NH <sub>3</sub> )	% (w/w)	20 - 22
Colour	APHA	<= 10
Chloride	ppm	<= 0.5
Phosphate	ppm	<= 0.01
Sulfate	ppm	<= 1
Al	ppb	<= 1
Sb	ppb	<= 0.5
As	ppb	<= 1
Ba	ppb	<= 0.1
Be	ppb	<= 0.1
Bi	ppb	<= 0.1
Cd	ppb	<= 0.5
Ca	ppb	<= 1
at 250 nm	AU	
Cs	ppb	<= 0.1
Cr	ppb	<= 0.5
Co	ppb	<= 0.5
Cu	ppb	<= 0.5
Dy	ppb	<= 0.1
Er	ppb	<= 0.1
Eu	ppb	<= 0.1
Gd	ppb	<= 0.1
Ga	ppb	<= 0.1
Ge	ppb	<= 0.1
Au	ppb	<= 0.5
Hf	ppb	Information only
Ho	ppb	<= 0.1
In	ppb	<= 0.1
Fe	ppb	<= 1
La	ppb	<= 0.1
Pb	ppb	<= 0.1
Li	ppb	<= 0.1
Lu	ppb	<= 0.1
Mg	ppb	<= 1
Mn	ppb	<= 0.5
Hg	ppb	<= 0.2
Mo	ppb	<= 0.5
Nd	ppb	<= 0.1
Ni	ppb	<= 0.5
Nb	ppb	<= 0.1
Pd	ppb	Information only
Pt	ppb	Information only
K	ppb	<= 1
Pr	ppb	<= 0.1
Re	ppb	Information only

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.  
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TEST	U.M.	SPECIFICATION
Rh	ppb	<= 0.5
Rb	ppb	<= 0.1
Ru	ppb	Information only
Sm	ppb	<= 0.1
Sc	ppb	<= 0.1
Sb	ppb	<= 0.5
Ag	ppb	<= 0.5
Na	ppb	<= 1
Sr	ppb	<= 0.1
Te	ppb	<= 0.1
Tb	ppb	<= 0.1
Tl	ppb	<= 0.1
Th	ppb	<= 0.1
Tm	ppb	<= 0.1
Sn	ppb	<= 0.5
Ti	ppb	<= 0.5
W	ppb	<= 0.1
U	ppb	<= 0.1
V	ppb	<= 0.5
Yb	ppb	<= 0.1
Y	ppb	<= 0.1
Zn	ppb	<= 0.5
Zr	ppb	<= 0.1

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