

# Technical Specification

**PRODUCT : Ammonia solution 20 - 22 % RPE - For analysis**

**CODE : 419980**

**MOLECULAR WEIGHT :35,05**

**CAS N° : 1336-21-6**

**FORMULA : NH4OH**

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<= 10
Identification	-	Positive
Density d20/4	-	0.917 - 0.923
Assay (alcalimetric)	%	20 - 22
Carbonate	ppm	<= 10
Chloride	ppm	<= 0.5
Phosphate	ppm	<= 0.3
Heavy metals (as Pb)	ppm	<= 0.4
Residue on ignition	ppm	<= 3
Subs. reducing KMnO4	ppm (5m)	<= 8
Sulfides	ppm	<= 0.1
Total sulphur (S)	ppm	<= 1
Ag	ppm	<= 0.02
As	ppm	<= 0.02
Ca	ppm	<= 0.5
Cd	ppm	<= 0.01
Co	ppm	<= 0.01
Cr	ppm	<= 0.02
Cu	ppm	<= 0.02
Fe	ppm	<= 0.05
K	ppm	<= 0.2
Mg	ppm	<= 0.1
Mn	ppm	<= 0.01
Na	ppm	<= 1
Ni	ppm	<= 0.02
Pb	ppm	<= 0.02
Zn	ppm	<= 0.05

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.  
 CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of in