

Technical Specification

PRODUCT : Ammonia solution 30 % RPE - For analysis - ACS

CODE : 419940

MOLECULAR WEIGHT :35,046

CAS N° : 1336-21-6

FORMULA : NH4OH

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Colour	APHA	<= 10
Identification	-	Positive
Assay (alcalimetric)	%	28.0 - 30.0
Density d20/4	-	0.892 - 0.910
Residue on ignition	ppm	<= 20
Carbonate	ppm	<= 10
Chloride	ppm	<= 0.5
Phosphate	ppm	<= 0.3
Nitrate	ppm	<= 2
Heavy metals (as Pb)	ppm	<= 0.4
Subs. reducing KMnO4	ppm (5m)	<= 8
Silicate	ppm	<= 10
Sulfides	ppm	<= 0.1
Sulfate	ppm	<= 2
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