

ISO 9001: 2015

Carlo Erba Reagents S.A.S. Parc d'Affaires des Portes Chaussée du Vexin - BP 616 27106 Val de Reuil Cedex Tél.:02.32.09.20.00 Fax 02.32.09.20.20

Z.I DE VALDONNE - BP 4 13124 PEYPIN Tél.:04.42.32.41.41 Fax 04.42.72.41.62 Carlo Erba Reagents S.r.l. Via R. Merendi, 22 20010 Cornaredo (Mi) Tel. 02 93 991 90 Fax 02 93 991 001

**Technical Specification** 

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

CODE : 419940 **MOLECULAR WEIGHT: 35,046** 

CAS N° : 1336-21-6

FORMULA: NH4OH

Description Colour		SPECIFICATION	
	-	Clear colourless liquid	
	APHA	<= 10	
Identification	<u>-</u>	Positive	
Assay (alcalimetric)	%	28.0 - 30.0	
Density d20/4	<del>-</del>	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

Date: 16/01/2024