

# Technical Specification

**PRODUCT : Ammonia solution 28% ERBApharm According to pharmacopoeia : NF-FU-Ph.Eur.**

**CODE : 314860**

**MOLECULAR WEIGHT :35,05**

**CAS N° : 1336-21-6**

**FORMULA : NH<sub>4</sub>OH**

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Identification	-	Positive
Appearance of solution	Ph.Eur.	Conform*
Pyridine and homologues	Ph.Eur.	Conform*
Readily oxidizable substances	Ph.Eur.	Conform*
Density d <sub>20</sub> /20	-	0.892 - 0.910*
Heavy metals (as Pb)	ppm	<= 1*
Residue on ignition	%	<= 0.002*
Residue on evaporation	% (w/V)	<= 0.002
Assay (alcalimetric)	%	27.0 - 30.0
Carbonate	ppm	<= 60*
Chloride	ppm	<= 1*
Sulfate	ppm	<= 5*
Fe	ppm	<= 0.25*
Cu	ppm	<= 0.5*
Origin (BSE/TSE)	-	Synthesis

This batch has been released by authorized personnel

\* Parameters marked with \* are tested periodically

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