

Technical Specification

PRODUCT : Ammonia solution 30 % RS - RSE - For electronic use

CODE : 420070

MOLECULAR WEIGHT :35,046

CAS N° : 1336-21-6

FORMULA : NH4OH

| TEST | U.M. | SPECIFICATION |
|----------------------|------|---------------|
| Description | - | Clear liquid |
| Colour | APHA | <= 10 |
| Identification | - | Positive |
| Density d20/4 | - | 0.892 - 0.910 |
| Carbonate | ppm | <= 5 |
| Chloride | ppm | <= 0.25 |
| Phosphate | ppm | <= 0.2 |
| Heavy metals (as Pb) | ppm | <= 0.2 |
| Residue on ignition | ppm | <= 3 |
| Subs. reducing KMnO4 | ppm | <= 5 |
| Total sulphur (S) | ppm | <= 1 |
| Assay (alcalimetric) | % | 28 - 32 |
| Ag | ppm | <= 0.02 |
| Al | ppm | <= 0.05 |
| As | ppm | <= 0.025 |
| Au | ppm | <= 0.05 |
| B | ppm | <= 0.01 |
| Ba | ppm | <= 0.1 |
| Be | ppm | <= 0.02 |
| Bi | ppm | <= 0.02 |
| Ca | ppm | <= 0.2 |
| Cd | ppm | <= 0.01 |
| Co | ppm | <= 0.01 |
| Cr | ppm | <= 0.01 |
| Cu | ppm | <= 0.01 |
| Fe | ppm | <= 0.03 |
| Ga | ppm | <= 0.02 |
| In | ppm | <= 0.02 |
| K | ppm | <= 0.2 |
| Li | ppm | <= 0.02 |
| Mg | ppm | <= 0.1 |
| Mn | ppm | <= 0.01 |
| Mo | ppm | <= 0.05 |
| Na | ppm | <= 0.5 |
| Ni | ppm | <= 0.01 |
| Pb | ppm | <= 0.01 |
| Pt | ppm | <= 0.05 |
| Sb | ppm | <= 0.05 |
| Sn | ppm | <= 0.02 |
| Sr | ppm | <= 0.02 |
| Ta | ppm | <= 0.1 |
| Ti | ppm | <= 0.05 |
| Tl | ppm | <= 0.05 |
| V | ppm | <= 0.05 |
| 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



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

ISO 9001: 2015

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| Zr | ppm | <= 0.05 |

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Date : 30/04/2024

QUALITY CONTROL RESPONSIBLE
B. COULANGE (VDR)