

Technical Specification

PRODUCT : Ammonia solution 25 % RS - RSE - For electronic use

CODE : 420080

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 | - | 0.904 - 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 |
| 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 |
| Zr | 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



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ISO 9001: 2015

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| Assay (alcalimetric) | % | 24.0 - 26.0 |

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Date : 07/10/2025

QUALITY CONTROL RESPONSIBLE
J. RICHARD (VDR)