

Technical Specification

PRODUCT : Nitric acid 69.5% RS - MOS For electronic use

CODE : 408150

MOLECULAR WEIGHT :63.01

CAS N° : 7697-37-2

FORMULA : HNO3

| TEST | U.M. | SPECIFICATION |
|----------------------|------|-------------------------|
| Description | - | Clear colourless liquid |
| Identification | - | Positive |
| Density d20/4 | - | 1.408 - 1.418 |
| Assay (acidimetric) | % | 69.1 - 69.9 |
| Chloride | ppm | <= 0.05 |
| Phosphate | ppm | <= 0.1 |
| Heavy metals (as Pb) | ppm | <= 0.05 |
| Residue on ignition | ppm | <= 2 |
| Sulfate | ppm | <= 0.5 |
| Ag | ppm | <= 0.02 |
| Al | ppm | <= 0.05 |
| As | ppm | <= 0.005 |
| Au | ppm | <= 0.05 |
| B | ppm | <= 0.01 |
| Ba | ppm | <= 0.05 |
| Be | ppm | <= 0.02 |
| Bi | ppm | <= 0.02 |
| Ca | ppm | <= 0.1 |
| Cd | ppm | <= 0.005 |
| Co | ppm | <= 0.01 |
| Cr | ppm | <= 0.01 |
| Cu | ppm | <= 0.005 |
| Fe | ppm | <= 0.1 |
| Ga | ppm | <= 0.02 |
| In | ppm | <= 0.02 |
| K | ppm | <= 0.1 |
| Li | ppm | <= 0.02 |
| Mg | ppm | <= 0.1 |
| Mn | ppm | <= 0.01 |
| Mo | ppm | <= 0.05 |
| Na | ppm | <= 0.3 |
| Ni | ppm | <= 0.01 |
| Pb | ppm | <= 0.02 |
| Pt | ppm | <= 0.05 |
| Sb | ppm | <= 0.01 |
| 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 |

Filtered to 0.2 micron

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