

Specification

Item number: 6774

Ammonia solution

ROTIPURAN® ≥25 %, p.a.

CAS No.: 1336-21-6

print date: 01.01.2024

formula: $\text{NH}_3 + \text{H}_2\text{O}$

density: 0,91

molecular weight: 17,03 + aq g/mol

Guarantee analysis

| | |
|---|-------------|
| Assay (acidimetric., NH ₃) | ≥25 % |
| Colour (APHA) | ≤10 |
| Non volatile matter | ≤0,002 % |
| Sulphur compounds (as SO ₄) | ≤0,0002 % |
| Pyridine and homologues | ≤0,0002 % |
| Carbonate (as CO ₂) | ≤0,001 % |
| Chloride (Cl) | ≤0,00005 % |
| Sulphide (S) | ≤0,00001 % |
| Phosphate (PO ₄) | ≤0,00005 % |
| Aluminium (Al) | ≤0,00001 % |
| Arsenic (As) | ≤0,000005 % |
| Barium (Ba) | ≤0,00001 % |
| Beryllium (Be) | ≤0,00001 % |
| Lead (Pb) | ≤0,000005 % |
| Cadmium (Cd) | ≤0,00001 % |
| Calcium (Ca) | ≤0,0001 % |
| Chromium (Cr) | ≤0,000005 % |
| Iron (Fe) | ≤0,00001 % |
| Gallium (Ga) | ≤0,000002 % |
| Gold (Au) | ≤0,00001 % |
| Indium (In) | ≤0,000002 % |
| Potassium (K) | ≤0,0001 % |
| Cobalt (Co) | ≤0,00001 % |
| Copper (Cu) | ≤0,00001 % |
| Lithium (Li) | ≤0,000002 % |
| Magnesium (Mg) | ≤0,00005 % |
| Manganese (Mn) | ≤0,00001 % |
| Molybdenum (Mo) | ≤0,000002 % |
| Sodium (Na) | ≤0,0001 % |

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| | |
|--|-------------|
| Nickel (Ni) | ≤0,000005 % |
| Platinum (Pt) | ≤0,00001 % |
| Heavy metals (as Pb) | ≤0,00005 % |
| Silver (Ag) | ≤0,000002 % |
| Strontium (Sr) | ≤0,0001 % |
| Thallium (Tl) | ≤0,000002 % |
| Titanium (Ti) | ≤0,000005 % |
| Bismuth (Bi) | ≤0,000005 % |
| Zinc (Zn) | ≤0,00001 % |
| Tin (Sn) | ≤0,000005 % |
| KMnO₄ reducing substances (as O) | ≤0,0008 % |

Our products are tested for laboratory use only.

The stated information refers to the current status of product quality.

We reserve the right to implement necessary changes.

Dr. R. Niemand

Head of Quality Assurance

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S. Lorsee

Head of Quality Management

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