

Specification Sheet

Product Name: **Tetramethylammonium hydroxide solution**
Specifications & Purity: Ultra pure, 25% in H₂O, for trace analysis
SKU #: **T131029**

| Parameter | Limit Values |
|-------------------------------------|--------------|
| Thallium (ICP) | 0-0.5 (ppb) |
| Osmium (ICP) | 0-0.5 (ppb) |
| Iridium (ICP) | 0-1 (ppb) |
| Vanadium (ICP) | 0-1 (ppb) |
| Magnesium (Mg) | 0-0.5 (ppb) |
| Titanium (Ti) | 0-1 (ppb) |
| Sodium (ICP) | 0-10 (ppb) |
| Platinum (Pt) | 0-0.5 (ppb) |
| Potassium (ICP) | 0-10 (ppb) |
| Ruthenium (ICP) | 0-0.5 (ppb) |
| Lead (ICP) | 0-5 (ppb) |
| Tin (Sn) | 0-0.5 (ppb) |
| Cerium (ICP) | 0-0.5 (ppb) |
| Iron (ICP) | 0-5 (ppb) |
| Rhodium (ICP) | 0-0.5 (ppb) |
| Refractive index n _{20/D} | 1.381-1.383 |
| Nickel (ICP) | 0-1 (ppb) |
| Cadmium (Cd) | 0-0.5 (ppb) |
| Palladium (ICP) | 0-0.5 (ppb) |
| Ion chromatography (bromide) | 0-50 (ppb) |
| Strontium (Sr) | 0-0.5 (ppb) |
| Germanium (Ge) | 0-0.5 (ppb) |
| Molybdenum (ICP) | 0-0.5 (ppb) |
| Silver (Ag) | 0-0.5 (ppb) |
| Concentration (Titration by 1M HCL) | 24-26 (%) |
| Cerium (ICP) | 0-0.5 (ppb) |
| Cobalt (ICP) | 0-0.5 (ppb) |
| Rubidium (ICP) | 0-0.5 (ppb) |
| Density (20°C) | 1.01-1.03 |
| Indium (ICP) | 0-0.5 (ppb) |
| Antimony (ICP) | 0-0.5 (ppb) |
| Chromium (ICP) | 0-1 (ppb) |

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| Parameter | Limit Values |
|---|--|
| Various guarantee label trace (ICP-MS) total-iodine | 0-10 (ppb) |
| Copper(ICP) | 0-0.5 (ppb) |
| ion chromatography (fluoride) | 0-50 (ppb) |
| Calcium (Ca) | 0-10 (ppb) |
| Manganese(ICP) | 0-0.5 (ppb) |
| Gallium(Ga) | 0-0.5 (ppb) |
| Zirconium(Zr) | 0-1 (ppb) |
| Lithium (ICP) | 0-0.5 (ppb) |
| Zinc(ICP) | 0-1 (ppb) |
| ion chromatography (chloride) | 0-50 (ppb) |
| Mercury(ICP) | 0-0.5 (ppb) |
| Dimethyl Sulfoxide(NMR) | 0-5 (ppb) |
| Selenium (ICP) | 0-1 (ppb) |
| ion chromatography (nitrate) | 0-250 (ppb) |
| Gold(Au) | 0-1 (ppb) |
| Bismuth (ICP) | 0-0.5 (ppb) |
| Barium (ICP) | 0-0.5 (ppb) |
| Arsenic (ICP) | 0-0.5 (ppb) |
| Beryllium (ICP) | 0-0.5 (ppb) |
| ion chromatography (sulfate) | 0-500 (ppb) |
| ion chromatography (phosphate) | 0-50 (ppb) |
| Appearance (T131029) | Colorless to light yellow liquid or viscous liquid |
| Metal trace analysis by ICP-MS | corresponds to requirements |
| Proton NMR spectrum | Conforms to Structure |