

Name : Ammonia solution (28%)

Another
name :

Grade : Special Grade

Volume : 18kg

Specification number : A-045

Issue number : CBK05

Code number : 01004699

HAYASHI PURE CHEMICAL IND.,LTD.

3-2-12 UCHIHIRANOMACHI,CHUO-KU, OSAKA 540-0037, JAPAN

| No. | Item | (unit) | Specification | Test Procedure |
|-----|---|----------|-----------------|----------------|
| 1 | Appearance (Form) | - | Volatile liquid | JIS K8085-2021 |
| 2 | Appearance (Hue) | - | Colorless | |
| 3 | Assay | mass % | 28.0 ~ 30.0 | |
| 4 | Residue on evaporation | mass % | max. 0.002 | |
| 5 | Carbonate (CO ₃) | mass % | max. 0.002 | |
| 6 | Chloride (Cl) | mass ppm | max. 0.3 | |
| 7 | Phosphate (PO ₄) | mass ppm | max. 0.5 | |
| 8 | Silicate (as SiO ₂) | mass % | max. 0.001 | |
| 9 | Sulfate (SO ₄) | mass ppm | max. 2 | |
| 10 | Sulfide (S) | mass ppm | max. 0.2 | |
| 11 | Calcium (Ca) | mass ppm | max. 1 | |
| 12 | Copper (Cu) | mass ppm | max. 0.1 | |
| 13 | Iron (Fe) | mass ppm | max. 0.2 | |
| 14 | Potassium (K) | mass ppm | max. 1 | |
| 15 | Magnesium (Mg) | mass ppm | max. 1 | |
| 16 | Sodium (Na) | mass ppm | max. 1 | |
| 17 | Nickel (Ni) | mass ppm | max. 0.1 | |
| 18 | Lead (Pb) | mass ppm | max. 0.1 | |
| 19 | Zinc (Zn) | mass ppm | max. 0.1 | |
| 20 | Substances reducing permanganate (as O) | mass ppm | max. 8 | |
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remark

With revision of JIS,etc.a part of the above contents may be updated without prior notification.