

SPECIFICATION

Lithium Tetrafluoroborate

Battery Grade

| REQUIREMENT | SPECIFICATION |
|-------------------------------|------------------------------------|
| Appearance | White, crystalline powder ~ powder |
| Solubility in water | to pass test |
| Water | max.700ppm |
| Acidity (as HF) | max.0.01% |
| Chloride (Cl) | max.5ppm |
| Sulfate (SO ₄) | max.20ppm |
| Nitrate (NO ₃) | max.10ppm |
| Aluminium (Al) | max.2ppm |
| Calcium (Ca) | max.2ppm |
| Chromium (Cr) | max.2ppm |
| Copper (Cu) | max.2ppm |
| Iron (Fe) | max.2ppm |
| Potassium (K) | max.5ppm |
| Magnesium (Mg) | max.2ppm |
| Sodium (Na) | max.5ppm |
| Nickel (Ni) | max.10ppm |
| Lead (Pb) | max.2ppm |
| Zinc (Zn) | max.2ppm |
| * Purity (subtracting method) | min.99.9% |
| Assay (volumetric analysis) | min.98.0% |

*:calculated by subtracting method with determination of metal impurities