



双 创 国 际 有 限 公 司
TWIN INTERNATIONAL CO., LIMITED

CERTIFICATE OF ANALYSIS

lithium bromide

Chemical Formula:LiBr CAS NO:7550-35-8 Molecular Weight: 86.58 Melting point: 550℃

Properties:

White crystalline powder. Taste slightly bitter. Easy deliquescence 44 °C loss of a molecular crystal water, 160 °C when anhydrous. Soluble in water, soluble in ethanol. Aqueous solution of litmus was neutral or slightly alkaline. The hot concentrated solution dissolves the cellulose.

Usage:

As a highly efficient water vapor absorbent and air humidity regulator. Refrigeration industry is widely used as absorption refrigerants, organic industry for hydrogen chloride decoction agent and organic fiber expansion agent. Medicine for hypnotics and sedatives. The battery industry for high-energy batteries and micro-battery electrolyte. In addition, also used in the photographic industry and analytical chemistry. Can also be used as pharmaceutical intermediates.

| Chemical name | Lithium Bromide | | |
|------------------------------------|--------------------------|--------------------------|--------|
| Appearance | White crystalline powder | White crystalline powder | |
| LiBr(main content more than ,%) | 99.0 | 99.5 | |
| Content of impurity less than,% | Ca | 0.01 | 0.005 |
| | Mg | 0.005 | 0.0005 |
| | Fe | 0.001 | 0.0002 |
| | Cl | 0.1 | 0.05 |
| | SO4 | 0.04 | 0.02 |
| | Insoluble(in Water) | 0.04 | 0.02 |
| | H2O | 0.8 | 0.4 |

Package: In 25kg net plastic drum lined with plastic bags or custom packing.



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