

## Lithium Tetraborate, Reagent

Li<sub>2</sub>B<sub>4</sub>O<sub>7</sub> FW 169.12  
CAS 12007-60-2

52946-340 1 kg 139.54  
52946-560 5 kg 983.79

### Specifications

Molar ratio B<sub>2</sub>O<sub>3</sub>/Li<sub>2</sub>O .....1.95 - 2.05  
Iron (Fe) .....0.03% max.  
Sodium (Na) .....0.01% max.  
Sulfate (SO<sub>4</sub>) .....0.03% max.  
Water (H<sub>2</sub>O) .....1.0% max.

## L(+)-Lysine Monohydrochloride, Reagent

C<sub>6</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>·HCl FW 182.65  
CAS 657-27-2

53130-140 100 g 28.64

### Specification

Identification .....P.T.  
Assay(dried basis) (C<sub>6</sub>H<sub>14</sub>O<sub>2</sub>N<sub>2</sub>·HCl) .....98.5 - 101.5%  
Specific rotation .....+20.4 - +21.4  
Loss on drying @ 150° C .....0.4% max.  
Residue after ignition .....0.1% max.  
Chloride (Cl) .....19.0 - 19.6%  
Iron (Fe) .....0.003% max.  
Heavy metals .....0.0015% max.  
Sulfate (SO<sub>4</sub>) .....0.03% max.  
Organic volatile impurities .....P.T.

## Magnesium, 20 Mesh, 98%

Mg AW 24.31  
CAS 7439-95-4

53232-140 100 g 24.91  
53232-300 500 g 43.57

## Magnesium, Ribbon, 99%

Mg AW 24.31  
CAS 7439-95-4

53244-080 25 g 54.06

## Magnesium, Turnings, 98%

Mg AW 24.31  
CAS 7439-95-4

53256-140 100 g 40.39

## Magnesium Standard, Atomic Absorption

53215-160 100 mL 18.12  
53215-320 500 mL 46.75

### Actual Assay on the label

1000 µg/mL Mg (41.14 mmol. l<sup>-1</sup>)

Traceable to NIST standards

## Magnesium Acetate, Reagent, A.C.S.

(CH<sub>3</sub>COO)<sub>2</sub>Mg • 4H<sub>2</sub>O FW 214.46  
CAS 16674-78-5

53360-300 500 g 90.81 6X500 g 467.97

### A.C.S. Specifications

Assay [(CH<sub>3</sub>CO<sub>2</sub>)<sub>2</sub>Mg • 4H<sub>2</sub>O] .....98.0 - 102.0%  
Insoluble matter .....0.005% max.  
Chloride(Cl) .....0.001% max.  
Sulfate (SO<sub>4</sub>) .....0.005% max.  
Barium(Ba) .....0.001% max.  
Calcium (Ca) .....0.01% max.  
Manganese(Mn) .....0.001% max.  
Potassium (K) .....0.005% max.  
Sodium (Na) .....0.005% max.  
Strontium (Sr) .....0.005% max.  
Heavy metals (as Pb) .....5 ppm max.  
Iron (Fe) .....5 ppm max.