



Celtic Chemicals Ltd

INORGANIC METALLIC SALTS



Magnesium Lactate Dihydrate EP Powder **Jost Code 2530**

Magnesium Lactate can be used as a dietary supplement and as a nutrient. Magnesium plays a vital role in regulating the neuromuscular activity of the heart, converts blood sugar to energy and is necessary for proper calcium and Vitamin C metabolism. Product specifications, MSDS's and certifications are available under Additional Information.

Chemical Data

Chemical Formula	Mg(C ₃ H ₅ O ₃) ₂ · 2H ₂ O
CAS Number	18917-93-6
Molecular Weight	238.47
Use	Nutrient; dietary supplement
Description	White powder
Containers	50 kg / 110 lb. fiber drums; 25 kilogram packs EU only
Storage	Store in a clean, dry warehouse in the original unopened containers.
Revision Date	04/21/2008

Unit 25 Kenfig Industrial Estate, Margam, Port Talbot, SA13 2PE, United Kingdom
Tel – 0044 (0) 1656 749358, Fax – 0044 (0) 1656 746490, sales@celticchemicals.co.uk

<http://www.celticchemicals.co.uk>



ISO9001:2000
Certificate no FM23081

Chemical Specifications

<u>Tests</u>	<u>Specifications</u>
Appearance of Solution	Clear and Colorless
Identification	
Test A	Passes
Test B	Passes
Assay (Anhy.Basis)	98.0-102.0%
Heavy Metals	10 ppm maximum
LOD	16.0% maximum
pH (5%)	6.5 - 8.5
Iron	40 ppm maximum
Chloride	100 ppm maximum
Sulfate (SO₄)	50 ppm maximum
Foreign Acids	None Detectable
Acidity/Alkalinity	0.1ml of 0.1N NaOH per gram maximum
Magnesium Content	
Anhydrous Basis	11.8- 12.2%
Dihydrate Basis	10.0-10.4%

Unit 25 Kenfig Industrial Estate, Margam, Port Talbot, SA13 2PE, United Kingdom
Tel – 0044 (0) 1656 749358, Fax – 0044 (0) 1656 746490, sales@celticchemicals.co.uk

<http://www.celticchemicals.co.uk>



ISO9001:2000
Certificate no FM23081