

<b>Prepared by:</b>	<b>ACTIVE PHARMACEUTICAL INGREDIENT</b>	<b>Revision: A/2008</b>
<b>Approved by:</b>		<b>Valid from: 05.02.2008</b>

**Chemical Name** : magnesium lactate dihydrate  
**Chemical Formula** :  $C_6H_{10}O_6Mg \cdot 2H_2O$   
**Molecular Weight** : 238.5  
**Storage Conditions** : 5 ÷ 30°C; 50 ÷ 80 RH%; indoor  
**CAS No.** : 18917-93-6

### SPECIFICATION

PROPERTY	REQUIREMENT	TEST METHOD
Appearance	white crystalline powder	visual examination
Identification	complies	Ph. Eur. 5.0
Water solution 5,0 g/100ml	complies	Ph. Eur. 5.0
pH value (5% solution)	from 6.5 to 8.5	Ph. Eur. 5.0
Chlorides	n.m.t. 0.02 %(w/w)	Ph. Eur. 5.0
Sulfates	n.m.t. 0.004 %(w/w)	Ph. Eur. 5.0
Iron	n.m.t. 0.005 %(w/w)	Ph. Eur. 5.0
Heavy metals	n.m.t. 0.002 %(w/w)	Ph. Eur. 5.0
Loss on drying	from 14.0 to 17.0 %(w/w)	Ph. Eur. 5.0
Assay	from 98.0 to 102.0 %(w/w)	Ph. Eur. 5.0
<small>n.m.t. – not more than</small>		
<b>STANDARD PACKAGING</b>	: fibre drums for 25 kg or 50 kg of product : cardboard boxes for 25 kg of product	
<b>STABILITY</b>	: 48 months	
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