

Prepared by:	ACTIVE PHARMACEUTICAL INGREDIENT	Revision: A/2007
Approved by:		Valid from: 11.06.2007

Chemical Name : magnesium hydrogen dl-aspartate tetrahydrate

Chemical Formula : $(C_4H_6NO_4)_2Mg \cdot 4 H_2O$

Molecular Weight : 360.6

Storage Conditions : 5 ÷ 30°C; 50 ÷ 80 RH%; indoor

CAS No. : 7018-07-7

**DMF SPECIFICATION A
(complies with DAB10)**

PROPERTY	REQUIREMENT	TEST METHOD
Appearance	white crystalline powder or colourless crystals	visual examination
Identification	A, C, D and E	DAB10
Water solution 2.5 g/100ml	clear and colourless	DAB10
pH value (2.5% solution)	from 5.5 to 7.5	DAB10
Related substances	compliance test	DAB10
Chlorides	n.m.t. 200 ppm	DAB10
Sulfates	n.m.t. 500 ppm	DAB10
Ammonium	n.m.t. 200 ppm	DAB10
Iron	n.m.t. 30 ppm	DAB10
Heavy metals	n.m.t. 10 ppm	DAB10
Water (KF)	from 18.0 to 22.0 %(w/w)	DAB10
Assay	from 98.0 to 102.0 %(w/w)	DAB10
n.m.t. – not more than		
STANDARD PACKAGING	: fibre drums for 25 kg or 50 kg of product : cardboard boxes for 25 kg of product	
STABILITY	: 48 months	
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