

Typical Product Properties

Aluminum Magnesium Compounds: Magaldrate Gels & Powders

Magaldrate Gel and Powder	Magaldrate Fluid Gel 10%	Magaldrate Fluid Gel 20%	7000 Mgal Powder USP	7000 Mgal Powder EP
Characteristics				
Description	White to light pink suspension	White to light pink suspension	White or almost white, crystalline powder	White or almost white, crystalline powder
Physical				
⁽³⁾ Viscosity (Haake)	50 – 100 mPas	50 – 150 mPas		
Chemical				
% Magaldrate	9.8% – 10.5%	20.0% – 23.0%	90.0% – 105.0%	90.0% – 105.0%
⁽²⁾ Al ₂ O ₃ in Magaldrate	32.1% – 45.9%	32.1% – 45.9%	32.1% – 45.9%	32.1% – 45.9%
⁽²⁾ Mg(OH) ₂ in Magaldrate	49.2% – 66.6%	49.2% – 66.6%	49.2% – 66.6%	49.2% – 66.6%
⁽¹⁾ Sulfates	16.0% – 21.0%	16.0% – 21.0%	16.0% – 21.0%	16.0% – 21.0%
⁽¹⁾ Soluble Sulfates	NMT 1.9%	NMT 1.9%	NMT 1.9%	NMT 1.9%
⁽¹⁾ Soluble Chlorides	NMT 3.5%	NMT 3.5%	NMT 3.5%	NMT 3.5%
⁽¹⁾ Arsenic	NMT 8 ppm	NMT 8 ppm	NMT 8 ppm	
⁽¹⁾ Heavy Metals	NMT 60 ppm	NMT 60 ppm	NMT 0.006%	NMT 30 ppm
Loss on Drying			10.0% – 20.0%	10.0% – 20.0%
Sodium			NMT 0.11%	NMT 0.10%
Microbial				
Microbial Total Aerobic Count	NMT 100 (cfu/g)	NMT 100 (cfu/g)	NMT 100 (cfu/g)	NMT 100 (cfu/g)
<i>E. Coli</i>	Absence	Absence	Absence	Absence

Other Notes

(1) These tests are on a 100% Magaldrate basis.

(2) These tests are calculated to a dry basis.

(3) These tests are measured at the time of release and are not indicative of stability.

This product is manufactured under cGMP conditions.

This product meets the Residual Solvents specification as described in USP Chapter <467>.



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