

# Typical Product Properties

## Magnesium Compounds: Magnesium Hydroxide Pastes

Magnesium Hydroxide	Mg Hyd Paste USP LVM	Mg Hyd Paste USP Type M	Flogel USP	Mg Hyd MG12
<b>Characteristics</b>				
Description	White to off-white paste	White to off-white paste	White to off-white gel	White wet gel suspension
<b>Physical</b>				
* <sup>(3)</sup> Viscosity (Brookfield)	800 – 1800 cps	1400 – 3000 cps	NMT 8000 cps @ 28% Mg(OH) <sub>2</sub>	1900 – 3000 cps
<b>Chemical</b>				
Assay Mg(OH) <sub>2</sub>	29.0 – 33.0%	29.0 – 33.0%	29.0 – 33.0%	10.0 – 14.0%
<sup>(2)</sup> Calcium @ 100%	NMT 1.5%	NMT 1.5%	NMT 1.5%	NMT 1.5%
<sup>(2)</sup> Lead (by ICP-MS)	NMT 1.5 ppm	NMT 1.5 ppm	NMT 1.5 ppm	
*Soluble Alkalies	NMT 1.0 mL	NMT 1.0 mL	NMT 1.0 mL	NMT 1.0 mL
*Soluble Salts	NMT 12 mg	NMT 12 mg	NMT 12 mg	
* <sup>(1)</sup> Heavy Metals	NMT 5 ppm	NMT 5 ppm	NMT 5 ppm	NMT 5 ppm
<b>Microbial</b>				
Microbial Total Aerobic Count	NMT 400 (cfu/g)	NMT 400 (cfu/g)	NMT 400 (cfu/g)	NMT 400 (cfu/g)
<i>E. Coli</i>	Absence	Absence	Absence	Absence

### Other Notes

(1) These tests are on reduced testing status.

(\*) These tests are performed on a 7.75% w/w Mg(OH)<sub>2</sub> test suspension prepared from a Composite sample.

(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>.



[www.spipharma.com](http://www.spipharma.com)

**Americas**

SPI Pharma, Inc.  
Rockwood Office Park  
503 Carr Rd., Suite 210  
Wilmington, DE 19809

T 302 576 8600  
800 789 9755 Ext. 8600  
F 302 576 8567

**Europe/Middle East/ Africa**

SPI Pharma SAS  
Chemin du Vallon du Maire  
13240 Septemes-Les Vallons  
France

T 33 4 9196 3600  
F 33 4 9196 3633

**Asia/Pacific**

SPI Pharma, Inc – India Branch  
21 B, Veerasandra Industrial Area  
Hosur Road, Bangalore – 560100  
Karnataka, India

T 91 80 3027 0005  
F 91 80 3027 0050

**Australia Distribution Company**

Anzchem  
1 Braidwood Street  
Enfield NSW 2136  
Australia

T 61 2 9475 2200  
F 61 2 9475 2211



SPI-AA-DCCC-4000-03201500  
03-2015 | All rights reserved

© SPI Pharma 2015. All trademarks are the property of SPI Pharma.

The information contained in this document is proprietary to SPI Pharma unless otherwise noted and may not be used or disseminated inappropriately. The information and recommendations contained herein are to the best of SPI Pharma, Inc.'s knowledge reliable and accurate. Any recommendations are made without warranty, either implied or expressed, due to the variations in equipment, conditions, and methods which may be used in commercially processing the products. No warranties of any kind are made, express or implied, including those of merchantability and fitness for particular purpose, other than the products conform to current standard specifications. SPI Pharma, Inc. makes no warranty that the use of the products or formulations provided by SPI Pharma, Inc. will not infringe any trademark, trade name, copyright, patent or other rights held by any third party when used in customer's application. SPI Pharma, Inc. shall not be liable for loss of profit or for incidental, special or consequential loss or damages.