

# Typical Product Properties

## Aluminum Compounds: Aluminum Phosphate Gel, Boehmite Gel

Aluminum Phosphate/ Boehmite	Al Phosphate Gel, 520 Ph. Eur	Al Boehmite Gel, NLP14
<b>Characteristics</b>		
Description	White pumpable suspension, from which small amounts of clear liquid may separate on standing	White to off-white odorless gel
<b>Physical</b>		
<sup>(2)(3)</sup> Viscosity (Haake)		< 600 mPs
<b>Chemical</b>		
Aluminum Assay AlPO <sub>4</sub>	19.0 – 21.0%	
Aluminum Assay Al <sub>2</sub> O <sub>3</sub>		14.0 – 16.0%
Residue on ignition	19.0% – 23.0%	
Soluble aluminum	NMT 50 ppm	NMT 50 ppm
Soluble phosphate	NMT 0.5% as PO <sub>4</sub>	
<sup>(2)</sup> pH	6.0 – 8.0	7.5 – 9.5
Peroxides	NMT 150 ppm as H <sub>2</sub> O <sub>2</sub>	
<sup>(1) (2)</sup> Chlorides	NMT 500 ppm	NMT 0.25%
<sup>(1) (2)</sup> Sulfate	NMT 0.2%	NMT 0.25%
<sup>(1) (2)</sup> Arsenic	NMT 1 ppm	NMT 0.6 ppm
<sup>(1) (2)</sup> Heavy Metals	NMT 10 ppm	NMT 5 ppm
Acid Neutralizing Capacity	pH @ 15 min is 2.0 – 2.5	
<b>Microbial</b>		
Microbial Total Aerobic Count	NMT 100 cfu/g	NMT 100 cfu/g
<i>E. Coli</i>	Absence	Absence

### Other Notes

(1) These tests are on reduced testing status.

(2) These tests are measured on a 4.0 % Al<sub>2</sub>O<sub>3</sub> or 6.12% Al(OH)<sub>3</sub> suspension.

This product is manufactured under cGMP conditions.

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

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



[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.