

HEALTH AND WISDOM INC.  
Certificate of Analysis

For Research Use Only

<b>Product</b>	<b>Magnesium Oil, USP</b>	
<b>Appearance</b>	Crystal Clear Liquid	
<b>Lot Number</b>	239	<b>Date</b> January 1, 2010
<b>Testing Method</b>	Monograph USP XXXII	

<b>TEST</b>	<b>REQUIREMENTS</b>	<b>TEST RESULTS</b>
Identification A (for magnesium) <sup>3</sup>	To Pass Test <sup>4</sup>	Pass
Identification B (for chloride) <sup>3</sup>	To Pass Test <sup>4</sup>	Pass
pH <sup>3</sup>	4.5 - 7.0	6.3
Insoluble Matter	0.005% Max	<0.005%
Aluminum <sup>1,2</sup>	0.67 ppm	<0.046 ppm
Barium	To Pass Test	Pass
Calcium	0.01% Max	0.0056%
Potassium	To Pass Test	Pass
Sulfate	0.005% Max	<0.005%
Heavy Metals <sup>3</sup>	0.001% Max	<0.001%
Organic Volatile Impurities	Certified Free	Free
Iron	To Pass Test	Pass
Assay (as liquid Magnesium Chloride)	28.1 - 31.3%	29.30%

Specific Gravity 1.27

**NOTES**

<sup>1</sup> Alternate ICP (Inductively Coupled Plasma Optical Emission Spectrometer) procedure used for detection of aluminum.

<sup>2</sup> Aluminum limit revised for liquid with lower detection limit of 0.67 ppm.

<sup>3</sup> Tests performed on material as if hexahydrate (sample weights were increased to compensate for decreased concentration).

<sup>4</sup> Pass / Fail against USP Standards

<sup>5</sup> The Validation process for this instrument is a several week process which validates the installation; operation and performance of the instrument...for accuracy, precision, interferences, and detection limits filtered through 1 micron filters.

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