

## MAGNESIUM NITRATE FLAKES – HG

### 1. Basic Information

Product	Magnesium Nitrate Flakes - HG
Chemical Name	Magnesium Nitrate Hexahydrate
Form	
Chemical Formula	$Mg(NO_3)_2 \cdot 6 H_2O$
Mole Weight	256,4
Appearance	Small white round flakes, typical diameter 3-5mm, 1-2 mm thick. Free flowing, dust free.

### 2. Specifications

Assay $Mg(NO_3)_2$	Min. 57,5 %	Typ. > 60,0 %
Assay as $Mg(NO_3)_2 \cdot 6H_2O$	Min. 99,0 %	Typ. > 102,5 % *
Calcium (Ca)	Max. 1,0 %	
Chlorides (Cl)	Max. 0,1 %	
Sulphates (SO <sub>4</sub> )	Max. 0,1 %	
Iron (Fe)	Max. 20 ppm	
Nickel (Ni)	Max. 5 ppm	
Zinc (Zn)	Max. 5 ppm	
Chromium (Cr)	Max. 2 ppm	
Lead (Pb)	Max. 2 ppm	
Arsenic (As)	Max. 1 ppm	
Cadmium (Cd)	Max. 1 ppm	
Mercury (Hg)	Max. 0,1 ppm	

### 3. Additional Information

\* The pastilles are produced by cooling a hot  $Mg(NO_3)_2$  melt. This production method enables a higher  $Mg(NO_3)_2$  content.