

## PRODUCT      Magnesium Trisilicate Ph. Eur.

CAS number            14987-04-3

DEFINITION            It has a variable composition corresponding approximately to  $Mg_2Si_3O_8 \cdot xH_2O$ .

CHARACTERISTICS      White or almost white powder.  
Practically insoluble in water and in ethanol (96%)

TEST	SPECIFICATION
<b>Magnesium oxide content</b>	Minimum 29.0% (ignited substance)
<b>Silicon dioxide content</b>	Minimum 65.0% (ignited substance)
<b>Identification</b>	Conforms to Ph. Eur. tests
<b>Alkalinity</b>	As per Ph. Eur. test: Not more than 1.0 mL of 0.1 M HCl is required to change the colour of the indicator.
<b>Water soluble salts</b>	Maximum 1.5%
<b>Chlorides</b>	Maximum 500ppm
<b>Sulfates</b>	Maximum 0.5%
<b>Arsenic</b>	Maximum 4ppm
<b>Loss on ignition</b>	17.0% to 34.0%
<b>Acid absorbing capacity</b>	As per Ph. Eur. test: The acid-absorbing capacity is not less than 100.0 mL of 0.1 M HCl per gram

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