



Specification

Concerning Product:	
Article number	1309428QPH
Trade name / designation / denomination	MAGNESIUM HYDROXIDE PH, PH.EUR. 9ED.
CAS number	1309-42-8
Other names / synonyms	•MAGNESIUM HYDROXIDE; •Magnesium Hydroxide, FCC; •Magnesium Hydroxide, Powder, Reagent; •Magnesium Hydroxide, Powder, USP; •Magnesium hydroxide; •magnesium dihydroxide; •magnesium hydroxide;
EC number	215-170-3
Customs tariff number / CN code / TARIC	28161000
Molecular weight [g / mol]	58,33
Formula	Mg(OH) ₂ H ₂ MgO ₂

Parameter	Specification	Unit
Organoleptic test		
Appearance of solution	complies	
Physical parameter		
Substances insoluble	in Acetic acid: ≤ 0,1	%
Loss on drying	≤ 2,0	%
Identity		
Assay	95,0 – 100,5	%
Identification	complies	
Impurities		
Residue on ignition	(@ 900 °C): 67,5 – 71,0	%
Heavy Metals (as Pb)	≤ 30	ppm
Sulphates (SO ₄)	≤ 0,5	%
Elemental Impurities		
Arsenic (As)	≤ 4	ppm
Calcium (Ca)	≤ 1,5	%
Chlorides (Cl)	≤ 0,1	%
Iron (Fe)	≤ 700	ppm

Supplemental information:

Shelf life: retest: 5 years

Complies with monographie: Ph.Eur.9.Ed.

Regional origin: EU

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 20. Jan. 2020

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