

BRAZAMAG HR

200 mesh

CAS N°
1309-48-4

EINECS N°
215-171-9

Chemical Formula
MgO

Manufacturing Process Calcination of natural magnesium carbonate (MgCO₃)

Chemical Specifications:

Parameters	Typical Values	Guaranteed	Analytical methods
Magnesium Oxide -MgO as is/loss free	97.2 / 98.5%	97.0% min/ 98.2% min	EDTA complexometry / Calculation
Magnesium -Mg as is/loss free	58.7 / 59.4 %	58.5% min/ 59.2%min	EDTA complexometry / Calculation
Calcium Oxide – CaO	0.8%	1.0% max	EDTA complexometry
Iron Oxide - Fe ₂ O ₃	0.4%	0.6% max	ICP Atomic Absorption
Aluminium Oxide - Al ₂ O ₃	0.1%	0.2% max	ICP Atomic Absorption
Silicon Oxide – SiO ₂	0.2%	0.5% max	Gravimetry in HCl
Loss on ignition	1.3%	2.0% max	Calcination at 1000 °C

Physical Specifications:

Appearance	White/cream coloured powder
Density tapped / untapped	1.02 / 0.76
<u>Granulometry</u>	200 mesh <200 mesh (75 µm) : 77% min

Packaging:

Bulk, Bags, Big Bags, with or without pallets

Recommendations:

The product can be stored 12 months in a protected environment.

Product of Brazil.