

Company: Hebei Meishen Technology Co.,LTD
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Magnesium Carbonate Heavy Details

Name: Magnesium Carbonate Heavy	Grade: Pharmaceutical grade
Formula: C ₂ H ₂ MgO ₆	CAS NO.: 2090-64-4
Use: Antacids	Place of Origin: Xingtai, Hebei, China
Purity: 40.0-43.5%	Appearance: White & granular powder
Brand Name: XingMei	Packing: 20kg net plastic woven bag with PE liner
Character	This product is a white granular powder, odorless, almost tasteless. This product is not soluble in water or ethanol, but it can make water have a weak alkaline, can soluble and effervescence in dilute hydrochloric acid.
Identify	Take this product with dilute hydrochloric acid can soluble and effervescence, solution show magnesium salt's identification reaction.

1) Qualified-class Magnesium Carbonate Heavy Specification

Test Item	Quality Standard	Test Item	Quality Standard
MgO%	40.5-43.5	CaO% ≤	0.60
Acidic solution color	Standard	Soluble salts% ≤	1.0

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CL% \leq	0.035	Insoluble in the acid % \leq	0.05
Fe% \leq	0.02	As% \leq	0.0002
Hg% \leq	0.00005	Bacterial Count	1g \leq 1000 cfu
Pb% \leq	0.003	Yeast and Mold	1g \leq 100 cfu
SO ₄ % \leq	0.5	Escherichia coli	None

2)First-class Magnesium Carbonate Heavy Specification

Test Item	Quality Standard	Test Item	Quality Standard
MgO%	40.5-43.0	CaO% \leq	0.30
Acidic solution color	Standard	Soluble salts% \leq	1.0
CL% \leq	0.035	Insoluble in the acid % \leq	0.05
Fe% \leq	0.01	As% \leq	0.0002
Hg% \leq	0.00005	Bacterial Count	1g \leq 500 cfu
Pb% \leq	0.002	Yeast and Mold	1g \leq 50 cfu
SO ₄ % \leq	0.4	Escherichia coli	None

3)Optimal-class Magnesium Carbonate Heavy Specification

Test Item	Quality Standard	Test Item	Quality Standard
MgO%	41.5-42.5	CaO% \leq	0.10
Acidic solution color	Standard	Soluble salts% \leq	0.6
CL% \leq	0.035	Insoluble in the acid % \leq	0.05

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Fe% \leq	0.01	As% \leq	0.0002
Hg% \leq	0.00002	Bacterial Count	1g \leq 300 cfu
Pb% \leq	0.001	Yeast and Mold	1g \leq 30 cfu
SO ₄ % \leq	0.3	Escherichia coli	None