



**Company:** Hebei Meishen Technology Co.,LTD  
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### Food Grade Magnesium Oxide Details

 	<b>Name</b>	Food Grade Magnesium Oxide
	<b>Brand</b>	XingMei
	<b>Appearance</b>	White powder
	<b>Grade</b>	Food Grade
	<b>Function</b>	Food additives, Color retention, PH modification or Magnesium supplement,
	<b>Packing</b>	20kg per bag; 25kg per bucket
	<b>Payment</b>	L/C, T/T, D/P, PAYPAL, WESTERN UNION, MONEY GRAM

### 1) Qualified-class Food Grade Magnesium Oxide Specification

Test Item	Test Value	Test Item	Test Value
MgO% $\geq$	96.5	Loss on ignition% $\leq$	5.0
Alkalinity	qualified	Fe% $\leq$	0.05
CaO% $\leq$	0.50	Mn% $\leq$	0.003
Cl% $\leq$	0.14	Heavy metal% $\leq$	0.004
SO <sub>4</sub> % $\leq$	0.3	As% $\leq$	0.0005
CO <sub>3</sub> % $\leq$	qualified	Acidic solution color	qualified
Insoluble in the acid% $\leq$	0.10	Soluble substance% $\leq$	2.0

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## 2) First-class Food Grade Magnesium Oxide Specification

Test Item	Test Value	Test Item	Test Value
MgO% $\geq$	98	Loss on ignition% $\leq$	4.0
Alkalinity	qualified	Fe% $\leq$	0.03
CaO% $\leq$	0.20	Mn% $\leq$	0.002
Cl% $\leq$	0.10	Heavy metal% $\leq$	0.003
SO <sub>4</sub> % $\leq$	0.3	As% $\leq$	0.0004
CO <sub>3</sub> % $\leq$	qualified	Acidic solution color	qualified
Insoluble in the acid% $\leq$	0.10	Soluble substance% $\leq$	1.5

## 3)Optimal-class Food Grade Magnesium Oxide Specification

Test Item	Test Value	Test Item	Test Value
MgO% $\geq$	99	Loss on ignition% $\leq$	3.0
Alkalinity	qualified	Fe% $\leq$	0.01
CaO% $\leq$	0.10	Mn% $\leq$	0.001
Cl% $\leq$	0.05	Heavy metal% $\leq$	0.002
SO <sub>4</sub> % $\leq$	0.2	As% $\leq$	0.0003
CO <sub>3</sub> % $\leq$	qualified	Acidic solution color	qualified
Insoluble in the acid% $\leq$	0.05	Soluble substance% $\leq$	1.0