

M1370NN **Gold Line**

pentahydrate

Typical analysis

Assay (Complexometric) [MgO]	40 - 45%
Alkalis	0.5%
Arsenic (As)	0.0002%
Calcium (Ca)	0.75%
Chloride (Cl)	0.07%
Iron (Fe)	0.05%
Lead (Pb)	0.005%
Phosphate (PO ₄)	0.001%
Sulphate (SO ₄)	0.3%

**Packaging**

250g white plastic jar
500g white plastic bag

Physical properties, composition and data

Chemical formula	(MgCO ₃) ₄ Mg(OH) ₂ ·5H ₂ O or C ₄ H ₂ Mg ₅ O ₁₄ ·5H ₂ O
Synonym	Magnesium carbonate basic; Magnesium carbonate hydroxide
Occurrence	In the Earth's crust in the minerals magnesite and lansfordite
Chemical group	Hydroxides Carbonates
Atomic weight	Varies
Appearance	White powder
Solubility	Soluble in diluted acids
Melting point	700 °C then decomposes
Boiling point	Decomposes
pH (aqueous solution)	10.5

Laboratory preparation, applications and practices

Usage	Analytical reagent
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Storage and handling information

Disposal methods	3
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Transport regulations

Tariff code	2836.99.11
ECB number	235-192-7

