

SPECIFICATION OF QUALITY

【PRODUCT NAME】 Magnesium Carbonate TT		【NAME OF THE SUPPLIER】 Naikai Salt Industries Co., Ltd.		
【COMMON CHEMICAL NAME】 Magnesium carbonate hydroxide		【NAME OF THE VENDOR】 Naikai Trading Co., Ltd.		
【Chemical Formula】 $x\text{MgCO}_3 \cdot y\text{Mg(OH)}_2 \cdot z\text{H}_2\text{O}$ (x, y, z are integers)		【QUALITY ASSURANCE PERIOD】 24 months after manufacturing		
【PACKING STYLE】 Paper Bag(three layered craft)		【PACKING SIZE】 25kg(NET)		
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Property	Unit	Specification	Analytical Result (Example)	Analytical Method
Appearance	—	White Powder	White Powder	Visual Inspection
Bulk Density	g/cm ³	0.20~0.25	0.24	Based on JIS K 6220-1
75μm Residue	%	0.5 or less	0.1 or less	Wet Sieving Method
Loss on Ignition	%	54.0~56.0	55.85	Weight Loss on Heatng (900°C×1hr)
MgO	%	40.0~43.0	42.45	Chelatometric titration
Fe ₂ O ₃ +Al ₂ O ₃	%	0.10 or less	0.023	ICP-AES
T-Cl	%	0.15 or less	0.03	Mohr method
Insoluble Matter in HCl	%	0.10 or less	0.02	Gravimetric Method
Soluble Matter in Water	%	1.0 or less	0.55	Gravimetric Method
CaO	%	0.60 or less	0.38	ICP-AES
(Remarks)				
Our product is confirmed that moisture content immediately after production is 2.0 % or less.				
Manufacture Factory		2721 Muneage, Tamano, Okayama, 706-0305, Japan		
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