

## SPECIFICATION OF QUALITY

<b>【PRODUCT NAME】</b> Magnesium Carbonate TT Food Grade		<b>【NAME OF THE SUPPLIER】</b> Naikai Salt Industries Co., Ltd.		
<b>【COMMON CHEMICAL NAME】</b> Magnesium Carbonate Hydroxide		<b>【NAME OF THE VENDOR】</b> Naikai Trading Co., Ltd.		
<b>【Chemical Formula】</b> $x\text{MgCO}_3 \cdot y\text{Mg}(\text{OH})_2 \cdot z\text{H}_2\text{O}$ (x, y, z are integers)		<b>【QUALITY ASSURANCE PERIOD】</b> 24 months after manufacturing		
<b>【PACKING STYLE】</b> Paper Bag (three layered craft)		<b>【PACKING SIZE】</b> 25 kg (NET)		
Property	Unit	Specification	Analytical Result (Example)	Analytical Method
Appearance	—	White Powder	White Powder	Visual Inspection
Bulk Density	g/cm <sup>3</sup>	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	55.70	Weight Loss on Heating (900°C × 1hr)
Fe <sub>2</sub> O <sub>3</sub> +Al <sub>2</sub> O <sub>3</sub>	%	0.10 or less	0.019	ICP-AES
T-Cl	%	0.15 or less	0.02	Mohr method
Insoluble Matter in HCl	%	0.10 or less	0.03	Gravimetric Method
Soluble Matter in Water	%	1.0 or less	0.35	Based on Japanese Food Additives Standard
MgO	%	40.0~44.0	41.85	
CaO	%	0.60 or less	0.27	
Arsenic (As)	μg/g	3 or less	3 or less	
Lead (Pb)	μg/g	2 or less	2 or less	
Clarity of solution	—	Very slightly turbid	Very slightly turbid	
(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		
Shipment Place		2721 Muneage, Tamano, Okayama, 706-0305, Japan		