

**PRODUCT: MAGNESIUM HYDROXIDE**

ITEMS	SPECIFICATIONS
<b>IDENTIFICATION</b>	Complies
<b>APPEARANCE OF SOLUTION</b>	Complies
<b>CONTENT Mg(OH)<sub>2</sub></b>	95.0% ~ 100.5%
<b>SOLUBLE SUBSTANCES</b>	Max 2.0%
<b>INSOLUBLE MATTER IN ACETIC ACID</b>	Max 0.1%
<b>FREE ALKALI (as 0.1 N H<sub>2</sub>SO<sub>4</sub>)</b>	Max 2.0 ml
<b>CHLORIDE</b>	Max 0.1%
<b>Ca (calculated)</b>	Max 1.5%
<b>CaO</b>	Max 1.5%
<b>SO<sub>4</sub></b>	Max 0.5%
<b>As</b>	Max 3 ppm
<b>HEAVY METALS AS Pb</b>	Max 30 ppm
<b>Pb</b>	Max 1.5 ppm
<b>Fe</b>	Max 0.07%
<b>LOSS ON IGNITION</b>	30.0%~32.5%
<b>LOSS ON DRYING</b>	Max 2.0%
<b>BULK DENSITY (lose)</b>	400g/l ~ 650g/l
<b>BULK DENSITY (tapped)</b>	610g/l ~ 800g/l
<b>MICROBIAL LIMIT</b>	Absences of E. Coli