

**CERTIFICATE OF ANALYSIS –LIGHT MAGNESIUM CARBONATE**

**BASIC INFORMATION**

1	Name of Product	Light Magnesium Carbonate
2	Color	White
3	Description	White Amorphous Fine powder with Typical odor & Characteristic taste.
4	Molecular Formula	MgCO <sub>3</sub>
5	Shelf life	3 Years

**ANALYTIC INFORMATION**

NO.	PARAMETER	UNIT	STANDARD	RESULT
<b><u>ORGANOLEPTIC</u></b>				
1.	Appearance	-----	-----	White Amorphous Fine Powder
2	Odor & Taste	-----	-----	Odorless & Tasteless
<b><u>PHYSICAL / CHEMICAL ANALYSIS</u></b>				
1.	Moisture	%	3 + -1	Complies
2.	pH	-----	9.0 + - 0.1	Complies
1.	Bulk density pack	gm/cm <sup>3</sup>	0.17 – 0.23	Complies
2.	MgO%	%	41.0- 44.0%	Complies
3.	Chloride	%	0.7% max.	Complies
4.	Sulphate	%	0.1% max	Complies
5.	Iron	%	0.04% max	Complies
6.	Calcium	%	0.3% max	Complies
7.	Bicarbonate	-----	Trace Amount	Complies
8.	Solubility	-----	Insoluble	Insoluble in water, 5% solution in dilute HCL is Clear
9.	Loss on ignition	%	56% max	Complies
<b><u>HEAVY METAL ANALYSIS</u></b>				
1.	Lead	mg/kg	NIL	Complies
2	Mercury	mg/kg	NIL	Complies
3	Arsenic	mg/kg	NIL	Complies
4	Cadmium	mg/kg	NIL	Complies

**Catz Chemical**

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