

### CERTIFICATE OF ANALYSIS

**Sample** : Light Magnesium Carbonate Food Grade  
**Direction** : Food GRADE (Soda Based Material)  
**Quantity** : 500 Gms.

#### RESULT OF ANALYSIS:

**Description** : Very light, white powder, odourless & Taste Less  
**Solubility** : Practically insoluble in water.  
It dissolves in dilute acid with strong effervescence

**Colour of solution** : Passes Test

**Arsenic** : Absent (NMT 2 ppm)  
**Heavy Metals** : Absent (NMT 10 ppm)  
**Chloride** : NMT 0.2%  
**Sulphate** : NMT 0.3 %  
**Calcium** : NMT 0.4 %  
**Iron** : NMT 50 ppm  
**Assay** : 42.90% (40 % to 45 %)  
**pH** : 9.9  
**Ammonia, Thiocynite** : Absent (NIL)  
**Moisture** : NMT 2%  
**Bulk Density** : 0.07-0.09 Gms/cc  
**Moisture(water) Absorbing Value** : 225 %  
**Oil Absorbing Capacity** : 128mg/100ml  
**Specific Surface Area** : 44.96 m<sup>2</sup>/gm

**Report** : The sample complies with the Food Grade standards and shows the above results.