**Test Parameters**

**Sample : 1. Final Solution Mg(OH)2**

 **2. Final Solid Mg(OH)2**

|  |  |
| --- | --- |
| **No.** | **Test Description** |
|  | **Compound**  |
| **1** | Mg(OH)2 |
|  | **Physical Tests**  |
| **1** | Color  |
| **2** | Conductivity |
| **3** | pH |
| **4** | Temperature |
| **5** | Total Dissolved Solids, TDS  |
| **6** | Total Hardness as CaCO3 |
| **7** | Total Suspended Solids, TSS |
| **8** | Turbidity |
|  |   |
|  | **Anions**  |
| **1** | Alkalinity Bicarbonate as CaCO3 |
| **2** | Alkalinity Carbonate as CaCO3 |
| **3** | Chloride, Cl- |
| **4** | Cyanide (Total), CN- |
| **5** | Fluoride, F- |
| **6** | Silica, SiO2 |
| **7** | Sulphate, SO4 2- |
| **8** | Sulphide as H2S |
|  |   |
|  | **Nutrients** |
| **1** | Nitrate, NO3-N |
| **2** | Nitrite, NO2-N |
| **3** | Total Phosphorus as PO4 |
|  |   |
|  | **Dissolved Metals** |
| **1** | Aluminum, Al |
| **2** | Barium, Ba |
| **3** | Boron, B |
| **4** | Cadmium, Cd |
| **5** | Calcium, Ca |
| **6** | Chromium, Cr |
| **7** | Copper, Cu |
| **8** | Mercury, Hg |
| **9** | Iron, Fe |
| **10** | Lead, Pb |
| **11** | Magnesium, Mg |
| **12** | Manganese, Mn |
| **13** | Nickel, Ni |
| **14** | Potassium, K |
| **15** | Selenium, Se |
| **16** | Silver, Ag |
| **17** | Sodium, Na |
| **18** | Zinc, Zn |
| **19** | Bromide, Br |
| **20** | Iodine, I |
|  |   |
|  | **Microbiology** |
| **1** | Total Coliforms |
| **2** | Fecal Coliforms\*\* |
|  |   |   |
|  | **Miscellaneous** |
| **1** | Biochemical Oxygen Demand, BOD5 |
| **2** | Chemical Oxygen Demand, COD  |