**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 | |