

## Typical Product Specifications & Properties

# Calcium Chloride Dihydrate

CAS Number: : 10035-04-8

| Specifications            | Limits                                         |
|---------------------------|------------------------------------------------|
| Melting Point             | 765 °C                                         |
| Description               | White,hygroscopic, odorless crystalline powder |
| Na                        | 0.01 %                                         |
| Free Alkali               | (as CaO ) : < 0.02 %                           |
| Organic Volatiles         | Complies                                       |
| SO4                       | < 0.01 %                                       |
| Heavy Metals, as Pb       | < 5 ppm                                        |
| Assay %                   | 99-103 %                                       |
| Density (lbs/gal(US)@20°) | 700 g/l                                        |
| Acidity & Alkalinity      | Complies                                       |
| Arsenic PPM               | < 1 ppm                                        |
| Na2CO2                    | < 1 ppm                                        |



| Specifications                              | Limits                                                                               |
|---------------------------------------------|--------------------------------------------------------------------------------------|
| Fe                                          | < 5 ppm                                                                              |
| K Content                                   | < 0.01 %                                                                             |
| pH of 10% water solution                    | 4.5 - 9.2                                                                            |
| Solubility (grams/100 gramg water) at 0°C   | Freely soluble in water                                                              |
| Ba                                          | Complies                                                                             |
| Mg                                          | < 0.005 %                                                                            |
| Free Acid (H <sub>2</sub> SO <sub>4</sub> ) | (as HCL ) : < 0.002 %                                                                |
| Chemical Structure                          |  |