

Certificate of Analysis

Date of Testing: 2024-04-18 15:26:45
Date of Next Testing: 2028-04-17 15:26:45
Product Name: **Calcium carbonate**
CAS Number: 471-34-1
Specifications & Purity: Analytical Reagent,99%
Lot #: D2409015
SKU #: **C111980**
Analysis: **289933**

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Iron(Fe) | 0-200 (ppm) | 0.00 ppm |
| Fluoride (F-) | 0-50 (ppm) | 0.00 ppm |
| Heavy metal (as Pb) | 0-20 (ppm) | 0.00 ppm |
| Chloride (Cl-) | 0-200 (ppm) | 1.08 ppm |
| Insolution matter in acid | 0-2 (%) | 0.00 % |
| Sulfate(SO42-) | 0-0.2 (%) | 0.16 % |
| Purity(Complexiometric EDTA)(Dried Basis) | 99-100 (%) | 99.96 % |
| Loss on drying(200°C) | 0-1 (%) | 0.99 % |
| Appearance (C111980) | white powder | White powder |
| ICP:Confirms Calcium Component | Confirmed | Confirmed |
| Solubility in HCl , Colorless,Clear,10g+20mL,dilute to 150 mL with H2O | Pass | Pass |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



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QA & QC Manager