

Certificate of Analysis

Date of Testing: 2024-01-30 16:10:15
Date of Next Testing: 2028-01-29 16:10:15
Product Name: **Calcium carbonate**
CAS Number: 471-34-1
Specifications & Purity: Analytical Reagent,99%
Lot #: A2429293
SKU #: **C111980**
Analysis: **315975**

| 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 |
| Loss on drying(200°C) | 0-1 (%) | 0.00 % |
| Chloride (Cl-) | 0-200 (ppm) | 0.36 ppm |
| Insoluble matter in acid | 0-2 (%) | 0.00 % |
| Sulfate(SO42-) | 0-0.2 (%) | 0.12 % |
| Purity(Complexometric EDTA)(Dried Basis) | 99-100 (%) | 99.50 % |
| 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