



Certificate of Analysis

Calcium Carbonate ACS

Catalog Number: CC1021
Lot Number: 0709901
CAS Number: 471-34-1, 1317-65-3
Synonym(s): Ground Limestone
Molecular Formula: CaCO₃
Molecular Weight: 100.09
Storage: 15°C – 30°C, Store away from acids
Date of Manufacturing: January 1, 2017
Retest Date: December 31, 2022

| Test | Specification | Result |
|-------------------------|---------------|-----------|
| Appearance | White powder | Conforms |
| Calcium Carbonate | ≥ 99.0% | 99.0% |
| Insoluble in Dilute HCl | ≤ 0.01% | < 0.01% |
| Ammonium | ≤ 0.003% | < 0.003% |
| Chloride | ≤ 0.001% | < 0.001% |
| Fluoride | ≤ 0.0015% | < 0.0007% |
| Sulfate | ≤ 0.005% | < 0.001% |
| Heavy Metals (as Pb) | ≤ 10ppm | < 10ppm |
| Iron | ≤ 20ppm | < 20ppm |
| Barium | ≤ 0.01% | < 0.01% |
| Magnesium | ≤ 0.01% | 0.0017% |
| Potassium | ≤ 0.01% | < 0.01% |
| Sodium | ≤ 0.01% | < 0.01% |
| Strontium | ≤ 0.1% | < 0.1% |

Approved by:

Date: July 9, 2019

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