

**QUALITY CERTIFICATE**

Product name: CALCIUM CARBONATE  
Quality: Ph.Eur.10.0.  
Package: 5 kg  
Formula: CaCO<sub>3</sub>  
Rel. mol. weight: 100,09  
Lot No.: EW7157199  
Manufacturing date: 10.2020.  
Expiry date: 01.10.2024. (DMY)  
Anal. No.: 12048H57199

|                             | <b>REQUIRED</b>                | <b>MEASURED</b>                |
|-----------------------------|--------------------------------|--------------------------------|
| Appearance:                 | white or almost white powder   | white powder                   |
| Assay                       | 98,5-100,5 %                   | 98,7 %                         |
| Identification test 'A'     | identical                      | identical                      |
| Identification test 'B'     | identical                      | identical                      |
| Solubility                  | practically insoluble in water | practically insoluble in water |
| Calcium (Ca)                | 39,5-40,0 %                    | 39,5 %                         |
| Insoluble in acetic acid    | max.0,2 %                      | 0,08 %                         |
| Chloride                    | max.330 ppm                    | <330 ppm                       |
| Sulfate                     | max.0,25 %                     | <0,25 %                        |
| Arsene (As)                 | max.4 ppm                      | <4 ppm                         |
| Barium (Ba)                 | passes test                    | passes test                    |
| Iron (Fe)                   | max.200 ppm                    | <200 ppm                       |
| Magnesium and alkali metals | max.1,5 %                      | <1,5 %                         |
| Heavy metals (Pb)           | max.20 ppm                     | <20 ppm                        |
| Loss on drying (200 □C)     | max.2,0 %                      | 0,2 %                          |
| Bulk density                | 30-53 g/100 ml                 | 53 g/100 ml                    |
| Residual solvent            | not contain                    | not contain                    |

**The Product complies with the requirements of Ph.Eur.10.0.**

Kiállítva: Halásztelek, 2022.07.29.

  
Kriston Mária

Minősegbiztosítási vezető

