

F-QC-001 Rev.00

## Certificate Of Analysis

Product Name : Chloroacetic Acid 99.5 % AR

Catalog Number : O-52336

Batch Number : 5236-00000000

CAS Number : 79-11-8

Molecular Weight : 94.50 g/mol

MoL. Formula : CH<sub>2</sub>Cl.COOH

Expire Date : 60 Months



| No | Test                        | Specifications                  | Results                         |
|----|-----------------------------|---------------------------------|---------------------------------|
| 1  | Appearance                  | Colorless deliquescent crystals | Colorless deliquescent crystals |
| 2  | Assay (alkalimetric)        | min 99.5 %                      | 99.92%                          |
| 3  | Freezing point              | min 61.0 °C                     | 63.4°C                          |
| 4  | Insoluble matter in water   | max 0.003 %                     | 0.0016%                         |
| 5  | Sulphated ash               | max 0.5 %                       | 0.08%                           |
| 6  | Chloride (Cl)               | max 0.005 %                     | 0.0032%                         |
| 7  | Nitrogen compounds (N)      | max 0.003 %                     | 0.0005%                         |
| 8  | Sulphate (SO <sub>4</sub> ) | max 0.005 %                     | 0.0024%                         |
| 9  | Copper (Cu)                 | max 0.0004 %                    | 0.00019%                        |
| 10 | Iron (Fe)                   | max 0.0002 %                    | 0.00006%                        |
| 11 | Lead (Pb)                   | max 0.0004 %                    | 0.00007%                        |

Corresponds to AR/ACS Grade

**LABOTIQ** Standard of Product Reference to Analar standard and ACS specification



SUDIRO S.Si.  
Manager QC