

F-QC-001 Rev.00

## Certificate Of Analysis

Product Name : Dichloromethane 99.5 % AR

Catalog Number : B-3025

Batch Number : 3025-00000000

CAS Number : 75-09-2

Molecular Weight : 84.93 g/mol

Mol. Formula : CH<sub>2</sub>Cl<sub>2</sub>

Expire Date : 60 Months

**SAMPLE**

| No | Test                                             | Specifications                  | Results                 |
|----|--------------------------------------------------|---------------------------------|-------------------------|
| 1  | Appearance                                       | Clear colorless liquid          | Clear colorless liquid  |
| 2  | Assay (GC)                                       | min 99.5 %                      | 99.82%                  |
| 3  | Wt. Per ml at 20 °C                              | 1.323 – 1.325 g/cm <sup>3</sup> | 1.324 g/cm <sup>3</sup> |
| 4  | Colour                                           | max 10 Hazen                    | 8 Hazen                 |
| 5  | Refractive Index (n <sub>D</sub> <sup>20</sup> ) | 1.424 – 1.425                   | 1.424                   |
| 6  | Water (H <sub>2</sub> O)                         | max 0.1 %                       | 0.01%                   |
| 7  | Non-volatile matter                              | max 0.001 %                     | 0.0004%                 |
| 8  | Acidity (as HCl)                                 | max 0.001 %                     | 0.0002%                 |
| 9  | Free chlorine (Cl)                               | max 0.0001 %                    | 0.00006%                |
| 10 | Formaldehyde (HCHO)                              | max 0.0001 %                    | 0.00004%                |
| 11 | Copper (Cu)                                      | max 0.00001 %                   | 0.000006%               |
| 12 | Iron (Fe)                                        | max 0.0001 %                    | 0.00007%                |
| 13 | Lead (Pb)                                        | max 0.0001 %                    | 0.00007%                |

Corresponds to AR / ACS Grade

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

**SUDIRO S.Si.**  
Manager QC