

## Certificate of Analysis

Date of Testing: 2023-03-07 17:21:04  
Date of Next Testing: 2027-03-06 17:21:04  
Product Name: **Acetonitrile**  
CAS Number: 75-05-8  
Specifications & Purity: Analytical Reagent, >99%(GC)  
Lot #: C2304293  
SKU #: **A104443**  
Analysis: **195219**

| Parameter                                  | Limit Values | Result   |
|--|--------------|----------|
| Refractive index n <sub>20</sub> /D        | 1.343-1.346  | 1.34     |
| Evaporation Residue                        | 0-0.01 (%)   | 0.01 %   |
| Boiling point                              | 81-82 (°C)   | 81.50 °C |
| Density (20°C)                             | 0.781-0.785  | 0.78     |
| PH (1 : 2 , 25°C)                          | 4-8          | 5.50     |
| Assay                                      | 99-100 (%)   | 99.50 %  |
| hydrocyanic acid(3)                        | Pass         | Pass     |
| Potassium permanganate reducing substances | Pass         | Pass     |



John Su  
QA & QC Manager