

Certificate of Analysis

Date of Testing: 2023-12-22 16:04:36
Date of Next Testing: 2027-12-21 16:04:36
Product Name: **Acetonitrile**
CAS Number: 75-05-8
Specifications & Purity: Analytical Reagent, >99%(GC)
Lot #: L2320463
SKU #: **A104443**
Analysis: **308371**

| Parameter | Limit Values | Result |
|--|--------------|----------|
| Refractive index n ₂₀ /D | 1.343-1.346 | 1.34 |
| Evaporation Residue | 0-0.01 (%) | 0.00 % |
| Boiling point | 81-82 (°C) | 81.17 °C |
| Density (20°C) | 0.781-0.785 | 0.79 |
| PH (1 : 2 , 25°C) | 4-8 | 5.90 |
| Assay | 99-100 (%) | 99.87 % |
| hydrocyanic acid(3) | Pass | Pass |
| Potassium permanganate reducing substances | Pass | Pass |



John Su
QA & QC Manager