

## Certificate of Analysis

Date of Testing: 2022-06-22 17:13:15  
Date of Next Testing: 2026-06-21 17:13:15  
Product Name: **Acetonitrile**  
CAS Number: 75-05-8  
Specifications & Purity: Analytical Reagent, >99%(GC)  
Lot #: F2214421  
SKU #: **A104443**  
Analysis: **073175**

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	5.60
Assay	99-100 (%)	99.78%
hydrocyanic acid(3)	Pass	Pass
Potassium permanganate reducing substances	Pass	Pass



John Su  
QA & QC Manager