

## Certificate of Analysis

Date of Testing: 2023-04-27 18:14:53  
Date of Next Testing: 2027-04-26 18:14:53  
Product Name: **Acetonitrile**  
CAS Number: 75-05-8  
Specifications & Purity: Analytical Reagent, >99%(GC)  
Lot #: D2325287  
SKU #: **A104443**  
Analysis: **216860**

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.343-1.346	1.34
Evaporation Residue	0-0.01 (%)	0.00%
Boiling point	81-82 (°C)	81.63 °C
Density (20°C)	0.781-0.785	0.78
PH (1 : 2 , 25°C)	4-8	5.30
Assay	99-100 (%)	99.83%
hydrocyanic acid(3)	Pass	Pass
Potassium permanganate reducing substances	Pass	Pass



John Su  
QA & QC Manager